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**GROWER'S CATALOG
FOR 1952**

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U. S. Department of Agriculture



Kirk Carpenter of Prattsburg, N. Y.
in a block of Brigham Yellow Globe
onions he grew from our seed.

SEEDS for Commercial Growers
of Vegetables & Flowers

HART & VICK Inc., Seedsmen • 47-55 Stone St., Rochester, N. Y.

DELIVERY OF SEEDS

All vegetable and flower seeds will be sent free of charge by **Parcel Post, Express or Freight at our option.** To points west of the Mississippi River purchaser pays transportation on Peas, Beans and Corn.

We do not pay transportation charges on Seed Potatoes, Onion Sets, Onion Plants in full crates, Fertilizers, Insecticides, Accessories, etc., except where they are marked "Transportation Paid." Be sure and say on your order how you want these items sent to you—Parcel Post, Freight or Express.

Write on the order the name of the nearest express or freight station, if it is not the same as your post office address.

Order early so that you will have your seed on hand when the time comes to sow it.

TESTED FOR GERMINATION

All of our seeds, both flower and vegetable, are tested for germination by a famous State Agricultural Experiment Station and the result appears on every package of vegetable seed we send out. Pay particular attention to this please for we are justly proud of the growing qualities of our seed.

DISCOUNT FOR CASH

We allow you a 5 Per Cent Discount if you send the cash with the order or have us send the seed to you C.O.D.

No Cash Discount is allowed on Potatoes, Plants, Onion Sets, Grass or Field Seeds, Insecticides and Fertilizers. These are offered, cash with order, and cannot be sent C.O.D.

TIME PAYMENTS

To vegetable growers and florists whose credit is established with us and to new customers who send us satisfactory references we allow time payments.

Seed shipped before July must be paid for by the first day of the following October. Seed shipped after July 1st to be paid for by December 1st of that year.

Seed Potatoes, Onion Plants, Onion Sets, Fertilizers, Grass Seeds, Insecticides and Accessories and other items so marked are sold strictly for cash.

CONDITIONS OF SALE

We guarantee the safe arrival, in the United States, of all seed and merchandise purchased from us and the Hart & Vick, Inc. Company warrants to the extent of the purchase price that seeds or bulbs or plants sold are as described on the container, within recognized tolerance. Seller gives no further warranty, express or implied.

PLANTS REQUIRED TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 ft. by 1 ft.....	43,560	3 ft. by 3 ft.....	4,840
1½ ft. by 1½ ft.....	19,360	4 ft. by 4 ft.....	2,720
2 ft. by 1 ft.....	21,780	5 ft. by 4 ft.....	2,172
2 ft. by 2 ft.....	10,890	5 ft. by 5 ft.....	1,748
2½ ft. by 2½ ft.....	6,969	6 ft. by 6 ft.....	1,212
3 ft. by 2 ft.....	7,600	8 ft. by 8 ft.....	680

If your copy of our large general catalog does not reach you within 60 days be sure and write us about it. We want you to have one of these retail books that pictures and describes many kinds of seeds, bulbs, and plants.

BEETS FOR BUNCHING AND CANNING

One pound will plant a row about 1000 feet long. Seven pounds to the acre in 18 inch rows, ten pounds if the rows are 14 inches apart.

Crosby's Egyptian—56 days. Nearly 30 years ago when we first offered you this strain of Crosby beet it was just about the finest on the market. Today, with all the breeding work that has been done on it, improving the shape of the bulb and the color and quality of the flesh it takes a back seat for no other strain offered the particular grower. Uniformly globe shaped bulbs, short tops, small tap roots, dark red outside, flesh bright carmine red, very little zoning. Early and of splendid quality. ¼ lb., 40c; lb., \$1.45; 5 to 25 lbs. @ \$1.30 per lb.; 25 to 100 lbs. @ \$1.20 per lb.

Green Top Bunching—The roundest, smoothest, glossiest, most attractive beet you can grow. If you have never tried it put in a row or two and see how your customers like it. It's strictly an early bunching kind with bright blood red, very fine flesh with low fibre content. Tops medium tall, greyish green and do not turn red or brown in the fall. ¼ lb., 45c; lb., \$1.55; 5 to 25 lbs. @ \$1.40 per lb.; 25 lbs. or more @ \$1.30 per lb.

Early Wonder—Our selection of Early Wonder produces bulbs nearly globe shaped and flesh deep purplish red, zoned with a lighter shade. Tops medium tall and heavy. ¼ lb., 40c; lb., \$1.45; 5 to 25 lbs. @ \$1.30 per lb.; 25 lbs. or more @ \$1.20 per lb.

Detroit Dark Red Special M Strain—60 days. This strain of Detroit is outstanding for its uniformity of shape, clear blood red color and splendid texture of its flesh. Retains its excellent quality until roots are fully grown. **Tops strong medium to short** and a strain very popular with the canner and commercial grower. There are several good strains of Detroit beet but we believe that this is the very best of all both for upland and muck growing. ¼ lb., 45c; lb., \$1.55; 5 to 25 lbs. @ \$1.40 per lb.; 25 to 100 lbs. @ \$1.30 per lb.

Perfected Detroit—The small beets are nearly round and ideal for whole beet pack. Fully grown bulbs are globe shaped and have a small tap root. Flesh is fine grained, top quality and uniformly dark blood red with almost no zoning. Tops are tall and strong to meet the requirements of mechanical harvesting. ¼ lb., 45c; lb., \$1.55; 5 to 25 lbs. @ \$1.40 per lb.; 25 lbs. or more @ \$1.30 per lb.

Beets for Greens—Quick growing, large, thick, crumpled green foliage. The best kind for greens. Lb., \$1.15; 5 to 25 lbs. @ \$1.05 per lb.; 25 lbs. or more @ 95c per lb.

For the Canning Trade grow our **Special M Strain Detroit Beet**. For roadside stands we recommend our **Green Top Bunching**.



Eugene Doty of Wolcott, N. Y. grew twenty-five acres of our Detroit Dark Red Special M Strain beets.



John Sonnevile of Williamson, N. Y. and some Cornell No. 6 Celery he grew from our seed.

WAX-GREEN POD AND LIMA BEANS

*One pound will plant about 100 feet of row. It takes 60 to 70 pounds to plant an acre.
25 pounds of any one kind will be supplied at the 100 lb. price.*

GREEN POD BUSH BEANS

Bountiful—48 days. Straight flat pods, 7 in. long, light green and stringless. Good shipper. Most popular flat green bean for market. 5 lbs., \$1.90; 15 lbs., \$5.10; 100 lbs., \$30.00.

Contender—54 days. A coming bean for the market grower and processor. Pods are 7 in. long, with very thick flesh and nearly round, very smooth and most attractive. Plant is vigorous, mosaic-resistant, hardy and ripens a tremendous crop very early. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Plentiful—50 days. Long, straight, flat, thick meated pods of splendid appearance and high quality. Plant hardy and heavy bearing. 5 lbs., \$1.90; 15 lbs., \$5.10; 100 lbs., \$30.00.

Supergreen—58 day. Long slim, smooth dark green, stringless pods, slightly longer and slimmer than Tendergreen. 5 lbs., \$1.90; 15 lbs., \$5.10; 100 lbs., \$30.00.

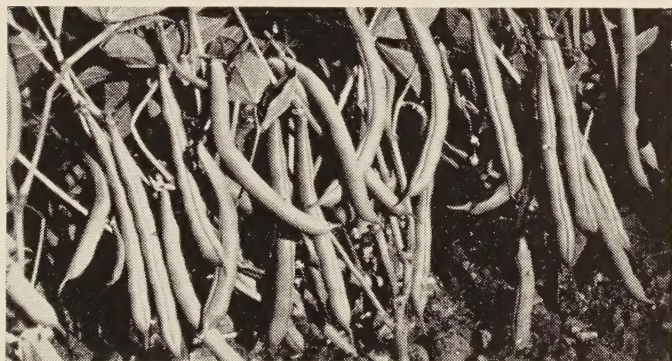
Tendergreen—52 days. Long, very straight, dark green slender pods of the very highest quality. Very productive and adapted for the canner, freezer, shipper and market and home gardener. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Topcrop—Earlier than Tendergreen and Supergreen, ready for picking in 51 days. Plants 15 in. tall, very heavy yielders. Crop borne during a short interval, giving a few large pickings rather than a number of small ones. Pods long, slender and round, straight, smooth and stringless. A most dependable cropper and mosaic resistant. Outyields Tendergreen. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Wade—62 days. All-America Gold Medal Winner 1952—Developed by the late Dr. J. H. Wade, Bureau of Plant Industry, U.S.D.A. Deep green, 6 to 7 in. long, round, straight pods of top quality. Very smooth slow wilting and very desirable for market and processing. Plant resistant to mosaic and powdery mildew, taller than Tendergreen, holds the pods up off the ground, very heavy yielding. 5 lbs., \$2.70; 15 lbs., \$6.00; 100 lbs., \$36.00.

Seneca Horticultural—Shellbean. 60 days. A new strain of Cranberry bean. Pods $6\frac{1}{2}$ in. long, heavily splashed with crimson. Thrifty plant. Seeds large buff mottled with red. 5 lbs., \$2.20; 15 lbs., \$6.00; 100 lbs., \$36.00.

Broad Long Pod—150 days. Called Fava or Horsebean. 9 in. pods, $1\frac{1}{4}$ in. wide generally holding 6 beans. 5 lbs., \$1.80; 15 lbs., \$4.80; 100 lbs., \$28.00.



The New Topcrop Gold Medal Winning Bush Type Green Pod Bean.



Our Early Yellow Globe onions on the muck of Arthur Jenkins of Elba, N. Y.

WAX POD BUSH BEANS

Brittle Wax (Round Pod Kidney Wax)—58 days. Round, smooth, slightly curved light yellow pods 6 inches long, deeply creasebacked, fleshy, stringless, brittle, high quality. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Cherokee—50 days. A new Yellow podded very attractive, high yielding bean that is already very popular on the market. The smooth, clear colored pods are oval in shape about 6 inches in length. Stringless and of very good quality. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Kinghorn—56 days. Round, light yellow, straight pods 6 in. long, stringless, brittle, high quality. Remain fresh looking longer. Good canner and freezer. White seeds. 5 lbs., \$2.10; 15 lbs., \$5.75; 100 lbs., \$34.00.

Pencil Pod Black Wax—55 days. Round pods, slightly curved, tender stringless, high quality. Strong growing plants that bear abundantly. The best round podded wax bean for market. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Sure Crop Stringless Wax—This is the best flat podded yellow bean both for market and for back yard growing. The plants are large and robust growing and dependable heavy croppers. Pods $6\frac{1}{2}$ inches long and straight and mature in 54 days. 5 lbs., \$1.90; 15 lbs., \$5.10; 100 lbs., \$30.00.

LIMA BEANS

Fordhook U. S. 242—75 days. Pods hold 3 to 4 good size beans, are straight and uniform in shape and size. A great bean to yield, especially on the early pickings. A good freezer. We are selfish enough to think that this strain of U. S. 242 we offer you is a little better than any other. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

Triumph—70 days. A new small, thick seeded bush lima. It is prolific, larger and thicker, protected from sun with dark green foliage and particularly well adapted for canning and processing. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

POLE BEANS

Kentucky Wonder (Old Homestead)—65 days. Green pods 7-9 in. long. 5 lbs., \$2.00; 15 lbs., \$5.45; 100 lbs., \$32.00.

King of the Garden Lima—88 days. 8 in. pods with 5 to 6 flat beans. 5 lbs., \$2.10; 15 lbs., \$5.75; 100 lbs., \$34.00.

ARTICHOKE

Green Globe— $\frac{1}{4}$ oz., 35c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.45.

ASPARAGUS SEED

Mary Washington—Early, rust resisting, most popular. Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.35; 10 lbs., \$22.00.

No. 500—A new kind developed by G. C. Hanna of the University of California. Larger spears. More productive. Heads are more closed. Does not flower out as soon. Better for shipping, canning, freezing. Oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.50.

Asparagus Roots—See page 14.

BRUSSELS SPROUTS

Catskill—We consider this the best of the Long Island Improved class. The plants are very dwarf, compact and uniform, producing very firm, round sprouts very closely set to the stem. Very productive. Originally developed in the Catskill Mt. section of this state, known for the very high quality of its sprouts. Oz., \$1.45; $\frac{1}{4}$ lb., \$5.00; lb., \$15.00.

BROCCOLI

DeCicco Strain—An extremely early kind producing heads ready for market ten days to two weeks before Early Calabrese. Makes a high percentage of side shoots or sprouts excellent for bunching or freezing. Plant medium tall, light green, very productive. Our stock of this strain has been carefully selected for uniformity and is highly recommended as the earliest maturing obtainable. Oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.75.

Italian Green Sprouting—Although 10 days later than DeCicco, this special strain of Italian Green Sprouting is very popular with the critical vegetable grower. The central blue green head is very compact, the sub-shoots are long and bunch easily. Oz., 35c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.75.

HART & VICK'S CABBAGE SEED

EARLY AND MIDSEASON KINDS

We give the average number of days it takes to make a mature head from the day plants are set out in the field.

About 5,000 seeds per ounce, 3 ounces will plant an acre.

Bonanza—75 days. Forms small firm head early and continues to grow to maximum size. Can be harvested early when market is strong and also be held in the field for a considerable time after maturity without loss if market conditions are unfavorable. Round heads, very firm and uniform about 6 to 7 inches in diameter and weighing 4 pounds. Oz., \$1.00; ¼ lb., \$3.50; lb., \$12.50; 5 to 25 lbs. @ 11.75 per lb.

Copenhagen Market—70 days. Splendid for early market and for shipping, also valuable as an early variety for kraut. This strain we offer makes a head quite a little larger than Golden Acre and is nearly a week later. Plant is small, compact, short stem, heads uniformly round and very solid, usually 6 to 7 in. diameter and weigh 3 to 3½ pounds. The quality is very high. Oz., 50c; ¼ lb., 1.55; lb., \$4.75; 5 to 25 lbs. @ \$4.50 per lb.

Early Jersey Wakefield—62 days. Very early. Small, pointed heads, weigh 2-2½ lbs. Oz., 50c; ¼ lb., \$1.55; lb., \$4.75.

Glory of Enkhuizen—76 days. Large, medium early, splendid for "kraut," heads large, 8 to 9 in. diameter and weigh 6-8 lbs., very heavy yielding, valuable cabbage. We have been growing this same strain of Glory for years and it has unfailingly given the cabbage grower the greatest satisfaction. We have a right to be proud of it. Oz., 45c; ¼ lb., \$1.35; lb., \$4.00; 5 to 25 lbs. @ \$3.75 per lb.

Golden Acre—66 days. In four trial plots last season this particular strain of Golden Acre led all others in uniformity of size and shape. Earliest round headed cabbage, valuable for early market and for shipping. Weight 3 lbs. and are 6 to 7 in. diameter. Oz., 50c; ¼ lb., \$1.55; lb., \$4.75; 5 to 25 lbs., @ \$4.50 per lb.

Golden Acre (Yellows Resistant)—66 days. Will produce good crops on diseased soil. Uniformly round heads. Oz., 65c; ¼ lb., \$1.90; lb., \$5.75; 5 to 25 lbs. @ \$5.50 per lb.

Marion Market (Yellows Resistant)—75 days. The best and most popular early round headed yellows resistant kind. Similar to Copenhagen Market but larger and a little later. If your soil has the slightest touch of yellows use Resistant varieties. Oz., 55c; ¼ lb., \$1.60; lb., \$4.85.



Chester Wagner of Albion, N. Y. grew these Seneca Danish Cabbage from our seed.

CARDOON

Large Smooth—A perennial grown for the fleshy leaf stalks or midribs which are cut in the fall and grow up again the following spring. Grows 3 ft. high and is often tied up to hurry blanching of the leaves. Oz., 50c; ¼ lb., \$1.60; lb., \$4.85.

CHERVIL

Double Curled—The young leaves are used for flavoring soups, stews, salads and for garnishing. Oz., 30c; ¼ lb., 75c.

CHICORY

Asparagus or Radichetta (Catalonga)—65 days. Foliage like a dandelion and used for greens. This is the true, cut-leaved, fibrous-rooted type. Oz., 55c; ¼ lb., \$1.65; lb., \$5.00.

Witloof or French Endive—150 days. There is usually a good market for these 4 to 5 inch clusters of blanched leaves. Oz., 55c; ¼ lb., \$1.85; lb., \$6.00.

LATE OR MAIN CROP CABBAGE

Ferry's Round Dutch—70 days. Small, compact plants with short stems. Heads almost ball-shaped; commonly 7-8 in. diameter, 6 in. deep and weigh 4½-5 lbs.; firm and very high quality. Slow to produce seeders. Oz., 60c; ¼ lb., \$1.75; lb., \$5.25; 5 to 25 lbs. @ \$5.00 per lb.

Seneca Danish Ballhead—95 days. Bred in New York State for New York State Cabbage Growers. Globe shaped heads with a slightly flattened top, of good size averaging from 5 to 6½ lbs. each. Very solid, exceptionally well covered and a splendid keeper. Vigorous, medium short stemmed plants. It stands at the "top of the list" in all trial plots we have seen it in this past season. Nothing better. Oz., 65c; ¼ lb., \$2.00; lb., \$6.00; 5 to 25 lbs. @ \$5.75 per lb.

Wisconsin Hollander (Yellows Resistant)—90 days. A Danish type for use on "yellows" infected land. Large, firm heads, weigh 7-9 lbs. Oz., 60c; ¼ lb., \$1.75; lb., \$5.25.

RED CABBAGE

Mammoth Rock Red—90 days. Best large red, splendid keeper. Heads round, 7 in. diameter, weigh 7 lbs. Oz., 45c; ¼ lb., \$1.45; lb., \$4.75; 5 to 25 lbs. @ \$4.50 per lb.

SAVOY CABBAGE

Chieftain—88 days. Unsurpassed for market, garden and shipping. The best savoy-leaved cabbage we have ever seen. Oz., 45c; ¼ lb., \$1.55; lb., \$5.50; 5 to 25 lbs. @ \$5.25 per lb.

CHINESE CABBAGE

Michihli—70 days. A great improvement over the old Chihili, more uniform, surer heading. Long, uniformly shaped heads, 20 inches tall, 3½-4 in. thick, slightly tapered to the tip. More attractive darker green outer leaves. Oz., 30c; ¼ lb., 85c; lb., \$2.85; 5 to 25 lbs. @ \$2.65 per lb.

CAULIFLOWER

One ounce should produce 2,000 plants. The number of days given is from the time the seed is sown.

Snowball, Perfected Strain—88 days. As fine a strain as there is grown. Plants are vigorous with abundant outer leaves held erect and inner leaves folded to protect the head. The heads are very solid and deep and mature very evenly. Makes heads a little smaller than our Snowdrift. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; lb., \$35.00.

Snowdrift (White Mountain)—90 days. A variety making a large, deep, solid, white head. The heavy upright growing leaves are very numerous and close together forcing the small inner leaves to curl over and protect the head. Well adapted for use under a wide range of conditions and a most satisfactory strain for main crop for fall harvest. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; lb., \$35.00.

Super Snowball—85 days. A mighty good strain of early cauliflower with plants of medium height and rather broad waved leaves which bend outward at the tips. Inner leaves cover the head well. Foliage medium green of a slightly grayish shade. Very deep heads, solid, ivory white and of fine quality. Ripens early and very evenly. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; lb., \$35.00.

Early Purple—More deliciously flavored than any of the white kinds. The large solid heads do not require tying up to blanch. Plants set out in July make a September crop. Good for freezing. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00.



Our Early Yellow Globe Onions on the muck of Gavel Bros. at Elba, N. Y.



William Shepard grew these Red Cored Chantenay Carrots from our seed on his muck in Elba, N. Y.

CARROTS

One ounce will plant 300 feet, 3 pounds an acre

Chantenay Long Type—70 days. About one inch longer than Red-Cored. Very smooth, bright orange skin, strong tops, texture and color nearly equal to Red-Cored Chantenay. Especially good on soils where the water table is high. $\frac{1}{4}$ lb., 75c; lb., \$2.35; 5 to 25 lbs. @ \$2.25 per lb.; 25 lbs. or more @ \$2.15 per lb.

Chantenay Red-Cored—70 days. We believe this strain of seed of ours is as good or a little better than others on the market. Certainly any strain of carrot that stands at the top of the list in trials throughout this part of the country, both on muck and on hard land, year after year is a pretty good strain to tie to. The roots are a little smoother, more uniformly alike and have better flesh color than most strains. The roots are 6 in. long, $2\frac{1}{4}$ in. at shoulder, tapered stump-rooted, deep reddish-orange skin, core deep orange, almost same color as flesh; fine grained, sweet and tender. $\frac{1}{4}$ lb., 75c; lb., \$2.35; 5 to 25 lbs. @ \$2.25 per lb.; 25 lbs. or more @ \$2.15.

Imperator Long Type—77 days. A long, 9-in. sloping shouldered carrot tapering to a blunt end, smooth and deep rich orange in color. Flesh rich orange, indistinct core, fine grained, high quality. Tops medium and strong enough for bunching. $\frac{1}{4}$ lb., 85c; lb., \$2.55; 5 to 25 lbs. @ \$2.45 per lb.; 25 lbs. or more @ \$2.35 per lb.

Nantes Improved—Long Roots, Extra Strong Tops—68 days. We offer you a specially fine strain of that popular bunching market carrot. 7 inches long, cylinder shape, blunt ends, orange flesh of high quality, small distinct core, strong tops of medium length that are less likely to break off when pulling. This is unquestionably the very best Nantes to grow for bunching. $\frac{1}{4}$ lb., 90c; lb., \$2.75; 5 to 25 lbs. @ \$2.65 per lb.; 25 lbs. or more @ \$2.55 per lb.

Tendersweet—75 days. The roots are 8 to 10 in. long, tapering slightly from a 2-inch shoulder to a blunt end. The skin is smooth and rich orange scarlet in color. The flesh fine grained, tender, orange in color all the way through and very sweet. $\frac{1}{4}$ lb., 90c; lb., \$2.75; 5 to 25 lbs. @ \$2.65 per lb.

Touchon—68 days. Some of our customers who want a longer carrot than Nantes find this variety to meet the demands of their markets. Similar to our Strong Top Nantes in every way except that it is an inch longer. $\frac{1}{4}$ lb., 90c; lb., \$2.75; 5 to 25 lbs. @ \$2.65; 25 lbs. up @ \$2.55 per lb.

CELERIAC

Large Smooth Prague—110 days. Turnip-rooted or "knob" celery. Roots round 3-4 in. in diameter. Oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.75.

CHIVES

Low growing perennial plant with foliage similar to fine onion tops that give a mild onion-like flavor to meat sauces, cottage cheese, potatoes, etc. Easily grown for market. $\frac{1}{4}$ oz., 35c; oz., \$1.15.

COLLARDS

Louisiana Sweet—Large, tender leaves, with a mild cabbage like flavor on 3 ft. plants. Ready in 80 days. $\frac{1}{4}$ lb., 45c; lb., \$1.50.



Predent De Bordere grew this Utah No. 15 Celery from our seed on his muck at Wolcott, N. Y.

CELERY

The number of days given is the length of time from setting out plants until harvest. One ounce should produce 10,000 plants.

Cornell No. 19—100 days. This celery and No. 6 were both developed and introduced by the College of Agriculture at Ithaca. Crosses between Utah and Golden Self Blanching. An early, easy blanching kind of outstanding quality. 24 to 25 inches tall with an edible stalk $10\frac{1}{2}$ to 11 inches long. Hearts are long and full. Stems thick, rounded and smooth. Highly resistant to fusarium yellows. Oz., \$1.25; $\frac{1}{4}$ lb., \$4.25; lb., \$15.00.

Cornell No. 6—100 days. Similar to No. 19 but the stalks are a little heavier and not as sharply ribbed. Makes a somewhat heavier growth and shows a little fuller heart. Restaurant and hotel men tell us that this is the ideal celery to use in salads. Oz., \$1.40; $\frac{1}{4}$ lb., \$5.00; lb., \$17.50.

Emerson Pascal—A new green celery moderately resistant to both early and late blight. Erect growing, with long, thick edible stems of good flavor. Foliage deeply cut and very distinct. $\frac{1}{2}$ oz., \$1.25; oz., \$2.25; $\frac{1}{4}$ lb., \$7.25; lb., \$25.00.

Golden Plume (Wonderful)—85 days. This is the best early yellow celery and our Special Strain is as fine as any in the country. The stalks are large, thick and solid, and the edible portion unusually long. The plants are compact, full-hearted and blanch readily. We are very proud of this Special Strain of Golden Plume. We know it will please the most critical celery grower. Oz., 95c; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

Giant Pascal—140 days. Late maturing, tall growing green celery. Large, pure white, solid stalks. Oz., 95c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

Summer Pascal—Waltham Strain—120 days. Early green celery of fine appearance and quality. Plant is uniform medium height. Long rounded thick stems that blanch easily. Popular in Pennsylvania and the New England States. Oz., \$1.25; $\frac{1}{4}$ lb., \$4.25; lb., \$15.00.

Utah No. 15—130 days. A strain of Utah that matures in mid-season. The plants are large, 26 to 28 inches tall and broad at the base. It grows erect, compact, full hearted. The edible stems usually are 8-10 inches long, numerous, of medium width, thick, rounded and quite smooth. They are crisp and of fine quality. Tops retain dark green color when grown on muck soils. Oz., 95c; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

Utah 10-B—This green variety has shown up well for the past two years on the muck in this state. Sometimes it has rated even better than No. 15. Our criticism of 10-B as we saw it in several trials this year, was the tendency to sucker and to sprawl out. Last year this habit was not noticeable. The season must have a lot to do with it. No. 10-B is ready to harvest about the same time as No. 15, grows 26 to 28 inches high, medium green foliage, edible stems 8 to 10 inches long, rounded, thick and waxy, tender, crisp and of excellent quality. Oz., 95c; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

If you want to make a trial of any of these kinds of celery just write us. We will be very glad to send you seed for this purpose, without charge.

**Our Sweet Corn Seed has been treated
with one of the new chemicals.**

25 or more pounds at the 100 lb. price.

SWEET CORN

Listed in the order in which
they are ready for market.

Seneca "60" (New High Quality)—63 days. A new strain of this very popular early corn with the well known high quality and flavor of the famous Golden Bantam. Stalk grows about 4½ ft. high, usually bearing two 6½ inch, 10 and 12 rowed ears, medium deep, golden yellow kernels. Medium round grade. 5 lbs., \$2.50; 15 lbs., \$6.85; 100 lbs., \$41.00.

Golden Rocket—67 day hybrid. The ears are generally 8 inches long, with 10 to 14 rows of deep kernels of a creamy yellow color that fill it to the tip. Golden Rocket is a very good sweet corn for either the market or the home garden. 5 lbs., \$2.45; 15 lbs., \$6.65; 100 lbs., \$40.00.

Carmelcross—72 days. The ears are 7 to 8 inches long and filled with 12 to 14 rows of broad yellow kernels of good depth. This is a splendid hybrid to follow Golden Rocket. The plants are vigorous growing, about 5½ ft. tall and wilt-resistant. The quality of Carmelcross is excellent. Medium Flat grade. 5 lbs., \$2.75; 15 lbs., \$7.50; 100 lbs., \$46.00.

Marcross—C-13 x 6—76 days. Early hybrid producing ears 6½ to 7½ in. long, 10 to 14 rowed. Medium yellow kernels. Very good quality. Plant has short, sturdy stalks and is completely resistant to wilt (Stewart's Disease). 5 lbs., \$2.45; 15 lbs., \$6.65; 100 lbs., \$40.00.

F-M Cross—77 days. Large, uniform ears of exceptional appearance and very high quality make this new hybrid a popular sweet corn for the critical market gardener and canner. It is earlier, superior in yield and of equal quality to Golden Cross Bantam. The kernels are narrow, very deep and rich light yellow in color. Ears 7 to 8 inches long with 14 to 16 rows of kernels. Stalks are tall, white tasseled, few suckers, two ears to the stalk. 5 lbs., \$2.75; 15 lbs., \$7.50; 100 lbs., \$46.00.

Golden Cross Bantam, New York State Certified Seed—83 days. The ears are 7 to 8 inches long, 10 to 14 rowed, lighter yellow than Bantam and just about every ear is exactly alike in size, form and color. Very good quality. Very prolific and highly resistant to Stewart's Disease. The seed we offer is a strain that we are proud of for we have never seen any other that is better in trial plot or planting. Medium Flat grade. 5 lbs., \$2.55; 15 lbs., \$6.85; 100 lbs., \$42.00.

Golden Bounty—84 days. Stalks 7½ to 8 ft. tall, vigorous, wilt resistant, very few suckers. Ears are borne 8 in. higher and shank is longer than Golden Cross Bantam adapting it to mechanical picking. Ears 9 in. long, 12 to 14 rows deep, medium wide, bright yellow kernels of good quality. 5 lbs., \$2.45; 15 lbs., \$6.65; 100 lbs., \$40.00.

Seneca Chief—86 days. Tops for quality. Nine inch, 12 rowed, deep, narrow, golden yellow kernels. Leafy, sturdy plants 7 ft. tall. Resistant to bacterial wilt. 5 lbs., \$2.50; 15 lbs., \$6.85; 100 lbs., \$41.00.

Ioana—87 days. Large 8 to 9 inch slightly tapered ears with 12 to 14 rows of medium deep creamy yellow kernels which fill out the ear to the tip. Good mid-season market corn. Does particularly well on light soils as it does not sucker and is resistant to Stewart's Disease and to drought. Fair quality. 5 lbs., \$2.55; 15 lbs., \$6.85; 100 lbs., \$42.00.

Iochief—New 88 day hybrid that is a little later than Ioana, heavier yielding and of better or deeper yellow kernel color. Larger eared and deeper kernel than Golden Cross Bantam and Ioana, and of much better quality and flavor. It's going to be very popular on the market and with the canner. It might be well to put in an acre or two and see just what it does for you. 5 lbs., \$2.55; 15 lbs., \$6.85; 100 lbs., \$42.00.

STANDARD OR OPEN-POLLINATED KINDS

Golden Bantam—78 days. The old-fashioned 6 to 7 inch strain with 8 rows of yellow kernels. 5 lbs., \$1.65; 15 lbs., \$4.50; 100 lbs., \$26.00.

Stowell's Evergreen—100 days. Standard late white, large eared kind. 5 lbs., \$1.85; 15 lbs., \$4.75; 100 lbs., \$28.00.

POPCORN

Hybrid Hulless (Minnhybrid 250)—Early white kind with small ears but big yields. Best for the north. Lb., 75c; 5 lbs., \$3.15; 15 lbs., \$8.35; 100 lbs., \$55.00.



Large, uniform, high quality ears, filled to the tip, qualify F.M Cross for the critical market garden demand.

CORN SALAD

Large Round Leaf—Large, heavy, round, dark green leaves. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs. or more @ \$2.10 per lb.

CRESS

Fine Curled—40 days. Finely cut leaves used for garnishing. Oz., 20c; ¼ lb., 55c; lb., \$1.75.

Upland Broad Leaved—60 days. Broad, thick, dark green leaves that taste like Water Cress. Oz., 25c; ¼ lb., 80c; lb., \$2.45.

Water Cress—An improved strain for forcing. ¼ oz., 40c; oz., \$1.25; ¼ lb., \$3.75.

DANDELION

Improved Thick Leaved—95 days. Compact, vigorous growing. Producing a spreading plant, packed with thick leaves, 18 to 24 inches across; blanches readily. Oz., \$1.10; ¼ lb., \$3.35; lb., \$10.00.

Italian (Cicoria Catalogna)—65 days. Italian Dandelion. Popular for "greens." Large dark green leaves that cut and come again. Our stock is the true cut-leaf variety. Oz., 55c; ¼ lb., \$1.65; lb., \$5.00.

DILL

Long Island Mammoth—70 days. Large and much more productive than the common dill. Oz., 15c; ¼ lb., 40c; lb., \$1.25.

FENNEL

Florence (Sweet Anise)—110 days. Grown for the bulbs formed by the stalks of the leaves. Oz., 25c; ¼ lb., 75c; lb., \$2.50.

EGG PLANT

One ounce will produce about 2,000 plants

Black Beauty—80 days. This seed stock is as fine as can be grown. Plants are thrifty and average 5 large, smooth, egg-shaped, dark purple fruits that hold their color. Oz., 85c; ¼ lb., \$2.50; lb., \$7.50.

CUCUMBERS

About 2 lbs. will plant an acre in hills; 3 to 4 lbs. when drilled

A & C—68 days. Strong, vigorous plants bearing quantities of 10 in. dark green fruits $\frac{1}{2}$ to 2 in. in diameter with blunt ends, very uniform, and hold their dark green color a long time. $\frac{1}{4}$ lb., 75c; lb., \$2.45; 5 to 25 lbs., \$2.30.

Cubit—70 days. Bears very heavy crops of 8-inch cylinder-shaped, very dark green fruits with blunt ends, thick flesh with very few seeds. A white spined variety. $\frac{1}{4}$ lb., 75c; lb., \$2.45; 5 to 25 lbs. @ \$2.30 per lb.

Early White Spine—60 days. Early maturing, smooth, straight fruit. Makes a very fine "Dill." It is blunt ended and retains its splendid medium green color and freshness for a very long time after picking. $\frac{1}{4}$ lb., 65c; lb., \$2.00; 5 to 25 lbs. @ \$1.90 per lb.; 25 to 100 lbs. @ \$1.75 per lb.

Highmoor—67 days. **Resistant to scab.** A vigorous healthy plant of unusually dark color, with leaves that are somewhat savoyed. Fruit 8 to 9 inches long, of cylindrical shape with nearly round ends. Dark green, and well colored right to the end. $\frac{1}{4}$ lb., 65c; lb., \$2.00; 5 to 25 lbs. @ \$1.90 per lb.

Improved Long Green—68 days. Popular both for slicing and for pickles. Fruit long, slender, dark green, plant strong growing and productive. Black spined variety. $\frac{1}{4}$ lb., 75c; lb., \$2.45; 5 to 25 lbs. @ \$2.30 per lb.

Longfellow—72 days. An excellent long, slender, dark green kind desirable as a "straight pack" variety for shipping or as a garden cucumber. White spined. $\frac{1}{4}$ lb., 75c; lb., \$2.45; 5 to 25 lbs. @ \$2.30 per lb. 25 to 100 lbs. @ \$2.15 per lb.

National Pickling—54 days. We offer a very choice strain of this pickle. An immense bearer of straight, blunt ended, bright deep green cucumbers. Pick them as soon as they get the right size for your trade and the vines will bear most abundantly. Black spined. $\frac{1}{4}$ lb., 65c; lb., \$2.00; 5 to 25 lbs. @ \$1.90 per lb.; 25 to 100 lbs. @ \$1.75 per lb.

Marketer—65 days. Straight, smooth, slender fruits 7 to 8 inches long, slightly tapered ends, and unusually uniform in size and appearance. The crisp flesh is clear white without a trace of green and the fruit has a very small seed cavity. One of the most attractive and darkest green of the cucumbers and makes a very fancy pack. The vines are thrifty, have good foliage and bear tremendous crops of very fancy fruit. White spined variety. $\frac{1}{4}$ lb., 75c; lb., \$2.65; 5 to 25 lbs. @ \$2.55 lb., 25 lbs. up @ \$2.40 lb.

Straight-8—66 days. Dark green, cylinder-shaped fruits about 8 in. long and $1\frac{1}{2}$ in. in diameter. Well rounded at the ends, deep green and free from striping and tipping. A good, white spined, market cucumber for forcing or outdoor growing. $\frac{1}{4}$ lb., 75c; lb., \$2.45; 5 lbs., @ \$2.35 per lb.

Yorkstate Pickling—(Prof. Henry Munger, Plant Breeding Dept., Cornell University.) New mosaic resistant kind similar in type and performance to Nat'l Pickling. This pickling cucumber will be warmly welcomed by growers who have had trouble with the mosaic disease. $\frac{1}{4}$ lb., 75c; lb., \$2.35; 5 to 25 lbs. @ \$2.20 per lb.; 25 lbs. up @ \$2.10 per lb.

ENDIVE

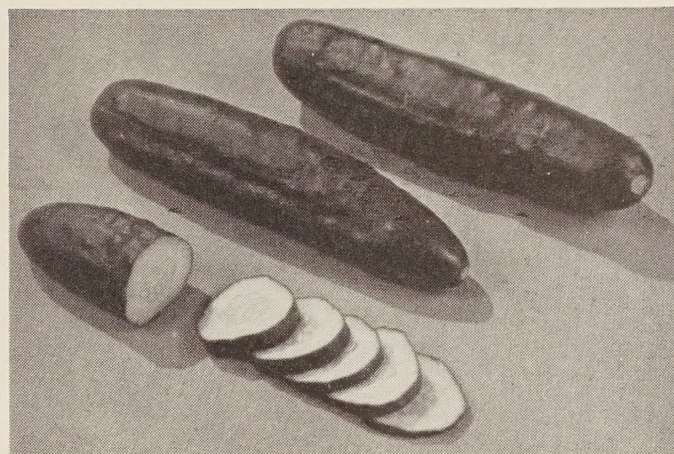
One ounce to 100 feet of row—2-2½ pounds per acre

Deep Heart Fringed—90 days. New, upright growing with extra deep, well-filled clear cream yellow hearts. Broad fringed leaves, less bottom rot, for the outer leaves turn upward. $\frac{1}{4}$ lb., 65c; lb., \$2.25.

Full Heart Batavian (Escarolle)—90 days. Large, broad, thick dark green easily blanched leaves. A greatly improved Broad Leaved Batavian or Escarolle. $\frac{1}{4}$ lb., 60c; lb., \$2.15.

Green Curled—95 days. Green Ribbed "Chicory." Deeply cut leaves. Compact, well blanched heart. $\frac{1}{4}$ lb., 60c; lb., \$2.15.

Green Curled Pancalier—95 days. For late market. Full heavy heart; leaf stem tinged pink. $\frac{1}{4}$ lb., 65c; lb., \$2.25.



This is Niagara, the Mosaic resistant slicer.

Niagara—Developed by Dr. Henry Munger, Cornell. A mosaic-resistant slicer showing the same plant vigor and unusually large leaf construction found in hybrids. Gets away to a fast start in the Spring and stands up under adverse conditions better than normal varieties. Fruit is white spined, shaped like Cubit, very dark green, 8 to 10 inches long. Flesh white, crisp, tender, of splendid quality. Where mosaic is severe grow Niagara. It will thrive when other varieties fail. $\frac{1}{4}$ lb., 95c; lb., \$3.45; 5 to 25 lbs. @ \$3.30 per lb.

Early Surecrop—New F₁ hybrid. Very dark green color. This hybrid has spring vigor, disease resistance, dark green foliage, increased yield and ability to produce over a long season that makes it especially desirable. 16,000 to 17,000 seeds to a pound of this seed. Trial pkg., 40c; $\frac{1}{4}$ oz., \$1.15; oz., \$3.35; $\frac{1}{4}$ lb., \$10.50.



Yorkstate Pickling at the top; National Pickling at the bottom.

KALE

Dwarf Curled or Blue Scotch—75 days. Hardy plants, 12 in. tall, 30 in. across. Compact, large, curled, blue-green foliage. Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

KOHL RABI

Early Purple Vienna—60 days. Purple skinned white flesh bulb. Oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.75.

Early White Vienna—(Short Top)—55 days. The standard for forcing and out of door growing for the market. Oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.75.

HART & VICK'S LETTUCE SEED

Lettuce growers usually sow from 2 to 3 pounds to the acre

VARIETIES THAT HEAD

Big Boston—76 days. $\frac{1}{4}$ lb., 70c; lb., \$2.45; 5 to 25 lbs. @ \$2.30 per lb.; 25 lbs. or more @ \$2.20 per lb.

Cornell 456—82 days. A selection of "iceberg" type made by Drs. Knott and Raleigh of Cornell University. More resistant to tip-burn than Imperial No. 44 and makes fuller, firmer heads, although the ribs are a little coarser and more prominent than most Imperial types. Exceptionally well adapted for production on muck for late July and August harvest. $\frac{1}{4}$ lb., \$1.85; lb., \$5.50; 5 to 25 lbs. @ \$5.35 per lb.; 25 lbs or more @ \$5.25 per lb.

Great Lakes—82 days. New "iceberg type" head lettuce. Developed by Michigan State College from the same parents as Cornell No. 456. Very resistant to tip-burn, will make good size, deep rich green very solid heads that stand a long time before bolting under severe conditions of hot weather. $\frac{1}{4}$ lb., \$1.85; lb. \$5.50; 5 to 25 lbs. @ \$5.35 per lb.; 25 lbs. or more at \$5.25 per lb.

Imperial 44—82 days. The head is of good size, good quality, generally very solid, and is resistant to tip-burn. The seed is white. $\frac{1}{4}$ lb., \$1.15; lb., \$3.45; 5 to 25 lbs. @ \$3.35 per lb.

May King—66 days. Early heading kind used for forcing in frames. Solid, light green tinged with brown, inside crisp and golden yellow. $\frac{1}{4}$ lb., 80c; lb., \$2.65; 5 to 25 lbs. @ \$2.50.

Pennlake—Looks very much like Great Lakes but heads are smaller and rather conical in shape. The leaves are heavier, have less frills and fold very tightly over the top of the head. More compact than Great Lakes with fewer outer and darker green leaves. It does show some tip burn. A good kind to grow on the upland. $\frac{1}{4}$ lb., \$1.35; lb., \$5.50; 5 to 25 lbs. @ \$5.35 per lb.; 25 lbs. or more @ \$5.25 per lb.

Premier Great Lakes—An early Great Lakes strain with very large, smooth, dark green leaves folding tightly over the top of the head. The heads are large, uniform and compact and are also slow to bolt to seed. Try it. It may be the lettuce you can grow well and that your market wants. $\frac{1}{4}$ lb., \$1.85; lb., \$5.50; 5 lbs. or more @ \$5.35 per lb.; 25 lbs. or more @ \$5.25 per lb.

White Boston (Special Large Frame)—74 days. Our customers in New York State have been growing this for several years very successfully. Ours is as fine a strain of the large headed, big frame White Boston as there is in the country. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 to 25 lbs. @ \$2.35 per lb.; 25 lbs. or more @ \$2.25 per lb.

LEEK

American Flag or Giant Musselburg—150 days. Long, large, sturdy white stems and medium-green leaves. Oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$5.00.

Elephant—Extra large, very smooth and clear white stalks, more attractive than older kinds. Oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$5.00.



Our Early Yellow Globe Onions in the muck of Clark and Clark at Elba, N. Y.

LOOSE-LEAF KINDS

Black Seeded Simpson—45 days. Curly, thin leaved, tender, ruffled light yellowish green. Retains its excellent quality a long time. $\frac{1}{4}$ lb., 60c; lb., \$2.00; 5 to 25 lbs. @ \$1.85. per lb.

Grand Rapids—42 days. Loose leaved and frilled. Best of its type for growing outdoors for market. $\frac{1}{4}$ lb., 65c; lb., \$2.25; 5 to 25 lbs. @ \$2.10 per lb.

Grand Rapids U. S. No. 1—42 days. A larger, stronger light green type, very well curled, that is growing in popularity both for forcing and outdoor growing. $\frac{1}{4}$ lb., 70c; lb., \$2.45; 5 lbs. or more @ \$2.30 per lb.

Salad Bowl—Gold Medal Winner All-America Selections 1952—Very large plant of rich green decorative leaves, waved and notched. Holds its quality and tenderness a long time. Might be packaged for the fancy market trade. Oz., 60c; $\frac{1}{4}$ lb., \$1.85; lb., \$5.65.

Slobolt—45 days. Slow to bolt to seed even in hot weather. Ruffled leaves, fresh green color. $\frac{1}{4}$ lb., \$1.15; lb., \$4.00; 5 to 25 lbs. @ \$3.85 per lb.

COS OR ROMAINE LETTUCE

Dark Green Cos—70 days. Makes a slightly shorter plant than the Light Green and has dark green leaves. Same self-folding habit and solid head. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 to 25 lbs. @ \$2.35 per lb; 25 lbs. or more at \$2.25 per lb.

Trianon, Light Green—70 days. Long spoon-shaped leaves that make long, oval shaped light green, well folded firm heads. Whitish green inside, with heavy white brittle mid ribs. Hard and crisp and of very excellent quality. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 to 25 lbs. @ \$2.35 per lb.

MANGELS AND SUGAR BEETS

Golden Tankard—Large, thick, oval roots; light green above, deep orange below ground; flesh yellow with white zones. $\frac{1}{4}$ lb., 30c; lb., 95c; 5 to 25 lbs. @ 85c per lb.

Half Sugar, Green Top—90 days. Long ovoid roots, flesh white. $\frac{1}{4}$ lb., 30c; lb., 95c; 5 to 25 lbs. @ 85c per lb.

Long Red—110 days. Enormously productive. Grow $\frac{1}{2}$ out of ground. $\frac{1}{4}$ lb., 35c; lb., 95c; 5 to 25 lbs. @ 85c per lb.

MUSTARD

Fordhook Fancy—40 days. Dark green, deeply curled and frilled leaves. Mild flavor. Stands a long time before going to seed. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.55; 5 lbs. or more @ \$1.45 per lb.

Long Standing (Southern Curled)—45 days. Will not bolt to seed as soon as other kinds. Plant hardy, leaves large, wide and curled at edges. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.55; 5 lbs. or more @ \$1.45 per lb.



Our Cornell 456 Lettuce on the Hornell, N. Y. muck of Charles Howe.



Patsy Vigneri one of the better growers on the Elba, N. Y. muck uses our Early Yellow Globe Onion Seed.



One of the best pieces of onion we saw last fall was grown from our Early Yellow Globe seed by Milford Bates at Prattsburg, N. Y.

HART & VICK'S ONIONS

3 to 5 pounds to the acre are generally sown

Brigham Yellow Globe—110 days. A good yielding variety with a heavy, thick, deep brown skin that stays on the bulb and a splendid keeper. Our strain is very true; its quality has become favorably known wherever onions are grown for market. $\frac{1}{4}$ lb., \$1.25; lb., \$3.85; 5 to 25 lbs. @ \$3.75 per lb.; 25 to 100 lbs. @ \$3.65 per lb.

Danver's Yellow Globe (Original Squires Strain)—105 days. The globe-shaped bulbs are medium large, very solid and have a good dark yellow skin that holds on well. Flesh is white, firm and hard. $\frac{1}{4}$ lb., \$1.30; lb., \$3.95; 5 to 25 lbs. @ \$3.85 per lb.; 25 to 100 lbs. @ \$3.75 per lb.

Early Yellow Globe—100 days. This is the best early yellow onion—Large globe shape, bright yellow skin and quality of flesh make it attractive on the market. Ripens 10 days to two weeks earlier than Brigham and keeps better in storage than most early kinds. Onion growers throughout the country know our Special Early Yellow Globe. $\frac{1}{4}$ lb., \$1.25; lb., \$3.85; 5 to 25 lbs. @ \$3.75 per lb.; 25 to 100 lbs. @ \$3.65 per lb.

Ebenenezer—100 days. Large, flattened, pure deep yellow, good skin, splendid keeper. $\frac{1}{4}$ lb., \$1.30; lb., \$3.95; 5 to 25 lbs. @ \$3.85 per lb.; 25 to 100 lbs. @ \$3.75 per lb.

Iowa No. 44—100 days. Very uniformly medium size bulbs, round to somewhat globe shape with thick coppery outer skin and very firm, solid, mildly flavored flesh. Very good keeping onion. A combination of synthetic hybrids developed and introduced by Iowa State College. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs., \$4.25; 25 to 100 lbs., \$4.15.

Hardy White Bunching—60 days. Makes long, slender crystal white bunching onions very early. Each seed produces a cluster of 4 to 6 useful shoots. $\frac{1}{4}$ lb., \$1.60; lb., \$4.85; 5 to 25 lbs. @ \$4.75 per lb.

Southport White Globe—110 days. Standard late white skinned kind. Round, medium size bulbs. $\frac{1}{4}$ lb., \$1.65; lb., \$4.95; 5 to 25 lbs. @ \$4.85 per lb.

White Portugal (Silverskin)—100 days. The standard bunching onion. $\frac{1}{4}$ lb., \$1.30; lb., \$3.95; 5 to 25 lbs. @ \$3.85 per lb.; 25 to 100 lbs. @ \$3.75 per lb.

Southport Red Globe—110 days. The very best red kind. Splendid keeper. Bulbs large, globe-shaped; skin thick and purplish red; flesh white tinted pink. $\frac{1}{4}$ lb., \$1.50; lb., \$4.45; 5 to 25 lbs. @ \$4.35 per lb.

Yellow Sweet Spanish (Utah Strain)—115 days. We believe this the best strain of the Sweet Spanish onions. Larger, earlier, more solid, better skin and color than other strains. A true globe-shaped onion with pure white flesh of mild, sweet flavor. This is a late onion, takes a longer season to mature. Sow the seed early. $\frac{1}{4}$ lb., \$2.10; lb., \$6.35; 5 to 25 lbs. @ \$6.25 per lb.; 25 to 100 lbs. @ 6.15.

TWO HYBRID ONIONS

Dr. Henry A. Jones of the U.S.D.A. is the man who has done most of the work on hybrid onions. He has made the production of seed possible by making his breeding lines available to all seedsmen who are interested. All hybrid onion introductions are the result of Dr. Jones study and material. We urge onion growers to make trial plantings of these hybrids and know just what they will do for them before putting in any acreage. This year we offer you the two hybrid onions that we consider performed best in the many trials that we made of the dozens of hybrid onions being offered.

Early Globe Hybrid—A very heavy yielding, early maturing kind, ready at the same time as Early Yellow Globe. The bulbs are uniformly round, of the same size and have good skin coverage. It has the usual added vigor and heavy yielding quality of the hybrid.

Late Yellow Hybrid—Similar in appearance to the late maturing Brigham onion. Globe shaped bulbs, very uniform in size, with thick, coppery brown skins that don't rub off easily. A good keeping kind. This hybrid has great vigor and yields exceptionally well.

Prices on both Hybrids—oz., \$1.15; $\frac{1}{4}$ lb., \$3.75; $\frac{1}{2}$ lb., \$6.85; lb., \$13.00.

MUSKMELON

Sow 2 to 3 pounds to the acre

Bender's Surprise—90 days. The most popular salmon fleshed melon with commercial growers, in this state. Fruit large, oval, distinctly ribbed and heavily netted. The meat is thick, not fibrous and of very high quality. Seed cavity very small. Good shipping variety. Oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.75; 5 lbs. or more @ \$3.65 per lb.

Delicious—80 days. Ripens before Bender and very popular for near-by markets and for roadside selling. Fruit is very uniform in shape, moderately ribbed and closely netted. Weighs about 5 lbs. and is 6 inches in diameter. Vines are vigorous and yield very well. Oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.75; 5 lbs. or more @ \$3.65 per lb.

Iroquois (New Large Type)—90 days. A new very high quality, medium size melon, resistant to Fusarium Wilt. Developed at Cornell University. Smaller than Bender. Slightly oblong in shape, heavy netting, thick orange flesh of very high quality; very uniform in size. Early enough to make it a very fine market variety. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.85; 5 lbs. or more @ \$3.75 per lb.

Golden Delight Bronze Medal, All-America Selections 1952—Large, oval fruit with wide shallow ribs and open netting. Flesh thick, very firm, orange color, very high quality. A splendid melon for roadside stand and market. Oz., 55c; $\frac{1}{4}$ lb., \$1.90; lb., 6.75.

Hearts of Gold (Large Type)—100 days. A splendid melon to ship and popular with growers. The fruits are about 7 inches long; nearly round, with indistinct furrows, well netted. Flesh very thick; deep salmon, fine grained and high quality. Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.85; 5 lbs. @ \$2.75 per lb.

Irondequoit—90 days. A good melon for roadside stands and near-by markets. Large, round fruits, thick salmon flesh, very juicy, sweet, fine flavor. Not a good shipping melon. Oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.45; 5 lbs. @ \$3.35 per lb.

Queen of Colorado—90 days. Splendid oval shaped, medium sized melon with heavy corky netting. Flesh deep orange, small seed cavity. Good for shipping and roadside market. Oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.25; 5 lbs. or more @ \$3.15 per lb.



Albert and Joseph Smith on their muck at Elba, N. Y. where they grow Early Yellow Globe Onions from our seed.

OKRA OR GUMBO

Dwarf Green Long Pod—55 days. Fleshy, tender. 7 to 8 in. pods, tapered near tip. 2½ ft. tall. ¼ lb., 35c; lb., \$1.25.

PARSLEY

One ounce will sow a 200 feet row

Champion Moss Curled—75 days. Compact plant with very dark green leaves so finely cut as to resemble tufts of moss. Taller, lighter green and more productive than Paramount. Oz., 20c; ¼ lb., 45c; lb., \$1.50.

Hamburg, Thick Rooted—90 days. Parsnip shaped roots. 8 in. long, smooth and white. Oz., 20c; ¼ lb., 45c; lb., \$1.50.

Paramount—80 days. A very fine, uniformly curled kind that is not as tall as Champion Moss Curled. Color unusually dark green; texture more attractive than other kinds. Very uniform in type. A good forcing and outdoor parsley. Oz., 20c; ¼ lb., 55c; lb., \$1.75.

Plain Leaf—80 days. Large smooth leaves deeply cut but not curled. Oz., 15c; ¼ lb., 40c; lb., \$1.45.

PARSNIP

Sow about 3 pounds to the acre

Long Hollow Crown—Results in the fields of our customers have proven this strain of Hollow Crown very superior. Roots smooth, evenly tapered, light color, 12 inches long, heavy at the shoulder, tapering gradually to tip. ¼ lb., 50c; lb., \$1.65; 5 lbs. or more @ \$1.55 per lb.

Model—Smooth, white, hollow crowned roots of good length; very attractive on the market. ¼ lb., 50c; lb., \$1.65; 5 lbs. or more @ \$1.55 per lb.

PUMPKIN

Sow about 3 pounds to the acre

Connecticut Field (Big Tom)—120 days. Standard field kind for canning and stock feed. Orange fruits often weighing 18 lbs., round with flat ends. Oz., 20c; ¼ lb., 50c; lb., \$1.65; 5 lbs. or more @ \$1.55 per lb.

Orange Winter Luxury—110 days. 8 in. in diameter, orange flesh thick, yellow, firm, splendid quality. Oz., 20c; ¼ lb., 50c; lb., \$1.65; 5 lbs. or more @ \$1.55 per lb.

Sugar or Pie—110 days. Early and best for pies. 8-9 in. diameter, rind hard, flesh thick, orange yellow, fine quality. Oz., 20c; ¼ lb., 50c; lb., \$1.65; 5 lbs. or more @ \$1.55 per lb.



Joe Carruba of Carruba Bros. in a piece of Pennlake Lettuce they grew from our seed on their Elba, N. Y. muck.

HART & VICK'S PEAS

25 pounds sold at the 100 pound rate

Alderman or Dark Podded Telephone—72 days. Main crop variety. Much better than the old Telephone. Splendid shipper. Vines 40 in. high, bear large crops of 4½ in. pods of 8 to 10 peas. Wilt resistant. 5 lbs., \$1.85; 15 lbs., \$4.65; 100 lbs., \$26.00.

Dwarf Alderman—72 days. Very similar to Alderman except vines are 24 in. high. Vines produce immense crop. 5 lbs., \$1.85; 15 lbs., \$4.65; 100 lbs., \$26.00.

Freezonian, All America Bronze Medal Winner 1948—62 days. A new early maturing, wilt-resistant, market growers variety. The tall, 30 inch, husky growing vines are great yielders of dark green, blunt, 3 to 3½ inch pods filled with large peas of very good quality. Splendid for freezing. 5 lbs., \$1.85; 15 lbs., \$4.65; 100 lbs., \$26.00.

Little Marvel—63 days. Medium-early, 3-in. pods in great quantities on 18-in. vines. Better for home garden than for market. Unsurpassed for quality and productiveness. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.

Midseason Giant—75 days. (Wilt Resistant.) Market and shipping pea. Pods 5 to 5½ in. long, dark green, pointed, slightly curved and plump. 2½ ft. tall. 5 lbs., \$1.85; 15 lbs., \$4.65; 100 lbs., \$26.00.

Morse's Progress—60 days. Larger and darker green pods than the old favorite Laxton's Progress, and a great improvement on that kind. Vines very thrifty and about 20 in. tall, and very heavy bearing. Resistant to wilt. 5 lbs., \$1.95; 15 lbs., \$4.95; 100 lbs., \$28.00.

Victory Freezer—65 days. New medium early peas with a 3-3½ inch, dark green, blunt ended pod generally carried in pairs at the top of the plant that makes easy picking. Quality very good, tender and delicious. Vines 30 inches tall and very heavy yielding. A splendid pea for freezing. 5 lbs., \$1.95; 15 lbs., \$4.95; 100 lbs., \$28.00.

Wando—68 days. A heat resistant kind. Thrifty 30 inch vines bearing dark green pods of medium size filled with 7 to 8 peas. Good quality and freezes well. 5 lbs., \$1.95; 15 lbs., \$4.95; 100 lbs., \$28.00.

World's Record—58 days. Earliest large pod wrinkled kind. 3½ in. long, pointed dark green pods full of large peas of splendid quality. Strong vines 24 in. high, bear large crops. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.



Our Cornell 456 Lettuce on the Prattsburg muck of James Sherron.



Early Yellow Globe onions on the John Piazza muck at Prattsburg, N. Y.

PEPPERS

One ounce will make about 1,000 plants

Avalon Button—Miniature sweet pepper, 2 inches wide, one inch deep. Bright glossy red, smooth; thick, sweet and juicy meat. Splendid for salads or pickling whole. Trial pkg., 25c; ¼ oz., 70c.

California Wonder—72 days. We offer a particularly good strain of this popular pepper. Large, handsome fruits smooth and regular, 4½ inches long and 4 inches through; deep green, flesh very thick and firm. Sweet, distinct flavor. Plants thrifty and upright, heavily productive over a long season. Oz., 70c; ¼ lb., \$2.25; lb., \$7.75.

Calwonder—63 days. More than a week earlier than California Wonder. Dwarf, sturdy plants bear heavy crops of large, smooth, thick meated peppers. Very popular when the seasons are short. Oz., 70c; ¼ lb., \$2.25; lb., \$7.75.

Early Wonder—63 days. New, early, large, chunky fruit, rich green turning bright red. Meat thick and sweet. A good market kind similar to California Wonder but earlier and more productive. Oz., 75c; ¼ lb., \$2.55; lb., \$8.75.

Hot Portugal (Heifer Horn)—75 days. A large, very hot pepper that will average 6 inches in length and 1½ through at the crown. The plant is sturdy and yields very heavily. Oz., 75c; ¼ lb., \$2.25; lb., \$7.75.

Hungarian Wax, Large Type (Hot)—60 days. Slender tapering 6 in. fruits. Waxy yellow turning crimson. ¼ oz., 25c; oz., 70c; ¼ lb., \$2.35; lb., \$8.00.

King of the North—60 days. Very early, productive kind with fruits 4½ in. long and 3 in. in diameter. Deep green turning dark red when ripe. Oz., 75c; ¼ lb., \$2.45; lb., \$8.45.

Long Red Cayenne (Hot)—70 days. Plants large, heavy bearing. Fruits 5 in. long, ½ in. through; tapered; deep green, becoming bright red. Oz., 70c; ¼ lb., \$2.35; lb., \$8.00.

Oshkosh—70 days. Attractive yellow when ripe, dark green when young. Blocky fruits 4½ in. long and 3½ in. across. Mild, sweet flavor. ½ oz., 45c; oz., 75c; ¼ lb., \$2.45; lb., \$8.25.

Pennwonder—60 days. A new early kind developed by Prof. M. L. Odland of Penn. State College that is particularly suited to growing here in the north. The fruit is of good size, thick sweet meated and borne in abundance on low, strong-growing plants. The immature fruits are a clear deep lustrous green turning bright red when ripe. Oz., 75c; ¼ lb., \$2.55; lb., \$8.75.

Sweet Roumanian—85 days. Peppers 4½-5 in. long, 2½ in. through at the shoulder, tapering to a blunt end. Pale waxy yellow, bright scarlet when ripe. Flesh sweet. ¼ oz., 30c; oz., 95c; ¼ lb., \$3.35.

Vinedale—Bronze Medal Winner, All-America 1952—Developed by Prof. O. J. Robb, Horticultural Exp. Station, Vineland, Ont., Canada. Low growing plant bearing early, medium sized red sweet peppers about 4 by 2 inches. Blunt ends and thick walls. ¼ oz., 50c; oz., \$1.75; ¼ lb., \$5.25.

Worldbeater—70 days. Long, extra large, thick fleshed fruit, deep lustrous green becoming very bright red. Plants are strong, vigorous growing and remarkably productive. Oz., 70c; ¼ lb., \$2.35; lb., \$8.00.



Our Golden Plume Celery on Tom Guidone's muck, Cato, N. Y.

RADISH

Cavalier No. 374—22 days. This brilliant scarlet, olive shaped radish stands a long time before getting pithy. The tops are short and strong; the bulbs bright scarlet, of uniform size and true olive shape. We offer you a strain that a lot of work has been done on to make it outstanding among particular radish growers. This strain of Cavalier is particularly suited for forcing during the winter and very early spring. It is ready for pulling a few days sooner than other strains we have tried and the bulbs are uniformly just a little bit larger and brighter in color. ¼ lb., 35c; lb., \$1.10; 5 to 25 lbs. @ \$1.00 per lb.; 25 to 100 lbs. @ 90c per lb.

Cherry Belle—All American Winner 1949. Round, brilliant scarlet bulbs with short, strong tops. A splendid kind to grow under glass as it stands a long time before getting pithy. ¼ lb., 40c; lb., \$1.15; 5 to 25 lbs. @ \$1.05 per lb.; 25 to 100 lbs. @ 95c per lb.

Comet—27 days. Very bright scarlet large round radish that does particularly well in warm weather when other kinds get pithy. ¼ lb., 35c; lb., \$1.10; 5 to 25 lbs. @ \$1.00 per lb.

Crimson Giant—29 days. Largest of the early top-shaped radishes, grows 1½ in. in diameter before becoming pithy. High quality, deep scarlet. ¼ lb., 40c; lb., \$1.25; 5 to 25 lbs. @ \$1.15 per lb.

Early Scarlet Globe, Medium-Top Strain—23 days. This is identical with the Short-Top strain offered below but the tops are medium tall, making it an outstanding radish to grow outdoors either on upland or in the muck. ¼ lb., 30c; lb., \$1.00; 5 to 25 lbs. @ 90c per lb.; 25 to 100 lbs. @ 80c per lb.

Icicle, Short Top Strain—27 days. The very best Icicle Radish for growing under glass or outdoors either on the muck or dry land. The tops are short but long enough for bunching. The roots smooth and pure white. ¼ lb., 30c; lb., \$1.10; 5 to 25 lbs. @ \$1.00 per lb.; 25 lbs. or more @ 90c per lb.

Long Brightest Scarlet—29 days. Long tapered bulbs, 4 to 5 inches, bright carmine red. ¼ lb., 35c; lb., \$1.25.

Sparkler—25 days. Fairly large, almost globe shaped bulbs, bright scarlet with a pronounced white tip. Tops small. ¼ lb., 30c; lb., \$1.00; 5 to 25 lbs. @ 90c per lb.

Vick's Early Scarlet Globe, Short-Top Forcing Strain—23 days. The strain we offer is popular for forcing throughout the country. It has all the qualities that are needed to make a good kind to grow under glass. Small, strong tops, ideal for bunching. Uniformly bright scarlet, slightly olive shaped bulbs with small, slender tap roots. Crisp white flesh of very high quality. ¼ lb., 30c; lb., \$1.10; 5 to 25 lbs. @ \$1.00 per lb.; 25 to 100 lbs. @ 90c per lb.

The seed of our Cavalier No. 374 and Vick's Early Scarlet Globe is very uniform in size and will work very well in a mechanical seed sower. We have rescreened it to take out all the abnormally large and the very small seeds.

FALL OR WINTER RADISHES

California Mammoth White—¼ lb., 40c; lb., \$1.35.

Chinese Rose—50 days. Roots 6 in. long, 2 in. diameter. Bright scarlet. ¼ lb., 40c; lb., \$1.35.

Round Black Spanish—55 days. Globe shaped roots 4 in. diameter, black skin. ¼ lb., 40c; lb., \$1.35.



Frank Finney showing us some of the Early Yellow Globe Onions he grew from our seed on his Elba, N. Y. muck.

HOLLAND GROWN SPINACH SEEDS

Sow 12 to 20 pounds per acre in rows

America—All-America Silver Medal Winner 1952—50 days. Thick, heavy, glossy dark green, crumpled and savoyed leaves. Longer standing and heavier yielding than other kinds. Can cut at 50 days and will stand another 25 days before going to seed. Quality excellent. Lb., 75c; 5 to 25 lbs. @ 65c per lb.

Blight-Resistant Savoy, For Fall Crop—40 days. Almost as savoyed as Long Standing Bloomsdale. Upright growing. Large, thick, crumpled leaves. 100% blight resistant. Sow in the late summer. Lb., 55c; 5 to 25 lbs. @ 45c per lb.; 25 to 100 lbs. @ 40c per lb.

Long Standing Bloomsdale—45 days. For early spring and early fall sowing. Compact, erect growing plants with thick dark glossy green, crumpled leaves, very long standing before going to seed. Lb., 55c; 5 to 25 lbs. @ 45c per lb.; 25 to 100 lbs. @ 40c per lb.

Old Dominion—40 days. A blight-resistant, large, dark green leaved, long standing spinach for spring and early fall sowing. Lb., 55c; 5 to 25 lbs. @ 45c per lb.; 25 to 100 lbs. @ 40c per lb.

Special Summer Savoy—40 days. Sow in spring for fall crop. In late fall for spring crop. Large plants of very heavy deep green, blistered and savoyed leaves, and it stands a long time without shooting to seed. Lb., 55c; 5 to 25 lbs. @ 45c per lb.; 25 to 100 lbs. @ 40c per lb.

Viking (Heavy Pack)—45 days. Very large, smooth, dark green leaves. Plant large, spreading, vigorous and long standing. Lb., 55c; 5 to 25 lbs. @ 45c per lb.; 25 to 100 lbs. @ 40c per lb.



The demand is rapidly increasing for our Butternut Squash, particularly this blocky, straight, thick-necked strain we are rather proud of.

SUMMER SQUASH

5 to 6 pounds per acre

Caeserta, Cocozelle type squash on a compact plant making no runners. Bears a week earlier than Cocozelle and very heavily. The fruit is light yellow, striped with green and at its peak of quality and attractiveness when about the size of a slicing cucumber at picking time. Oz., 25c; ¼ lb., 80c; lb., \$2.85; 5 lbs or more @ \$2.70 per lb.

Cocozelle, Long Type—65 days. Cylindrical, straight, smooth fruits, dark green with lighter stripes. Often 20 in. long, on very prolific bush type plants. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs. or more @ \$2.10 per lb.

Early Prolific Straightneck—50 days. This is a most popular and splendid straightneck squash for the market. Its early, high yielding, bush type plants that permit close planting. Smooth, straight, cream colored fruits of very high quality. We offer you a strain that will give you fruits very uniform as to color, size and form. Oz., 20c; ¼ lb., 65c; lb., \$1.95; 5 lbs. and up @ \$1.80 per lb.

Yankee Hybrid—45 days. A hybrid cross between Early Prolific and Conn. Straightneck and earlier, more productive and more uniform than either parent. Vine is bush type. Fruit, medium yellow, straight and slightly warted. A very fine squash to grow for a critical market. The fruit is very attractive, very uniform in size and shape and of the highest quality. A great variety to yield. Oz., 60c; ¼ lb., \$1.90; lb., \$5.95; 5 lbs. or more @ \$5.60 per lb.

SALSIFY—Vegetable Oyster

One ounce will sow a 100 foot row

Mammoth Sandwich Island—150 days. The standard variety for market. Produces smooth, long tapered roots without side shoots. Oz., 45c; ¼ lb., \$1.40; lb., \$4.25; 5 lbs. or more @ \$4.10 per lb.

SWISS CHARD

Fordhook—60 days. Large crumpled and blistered thick, very dark green leaves with broad white stem and midrib, ¼ lb., 50c; lb., \$1.55; 5 lbs. or more @ \$1.45 per lb.

Lucullus—60 days. Upright growing plant with an abundance of light fresh green colored, well crumpled fleshy leaves of splendid quality. The stems are long, thick and light greenish white. A very attractive market kind. ¼ lb., 50c; lb., \$1.55; 5 lbs. or more @ \$1.45 per lb.

SUNFLOWER

Mammoth Russian—80 days. Giant heads of flowers 20 in. across on 10 ft. tall plants. Produces a huge crop of large plump black seed striped with grey. Valuable as a food for poultry and parrots. ½ lb., 35c; lb., 55c; 5 lbs., \$2.45.

WINTER SQUASH

3 to 4 pounds per acre

Blue Hubbard—110 days. Most popular winter squash. We offer the very large, long, flattened, thick-fleshed type preferred here in New York State and throughout the East. Oz., 30c; ¼ lb., \$1.00; lb., \$3.25; 5 lbs. or more @ \$3.10 per lb.

Buttercup—100 days. Small squash with thick flesh of fine quality. Getting to be very popular at roadside stands. Oz., 40c; ¼ lb., \$1.20; lb., \$3.65; 5 lbs. or more @ \$3.50 per lb.

Butternut—60 days. A new bottle-shaped squash with 10 to 12 in. long fruits. Outer shell smooth, hard, yellow brown. Flesh clear yellow, dry, rather sweet, good quality. This squash, especially the heavy type with the thick, straight neck has become a very popular kind. We are very proud of our strain of this variety. Oz., 40c; ¼ lb., \$1.25; lb., \$3.85; 5 lbs. or more @ \$3.70 per lb.

Delicious—100 days. Medium size, dark green skin, thick orange flesh of very high quality. Oz., 30c; ¼ lb., \$1.00; lb., \$3.00; 5 lbs. or more @ \$2.85 per lb.

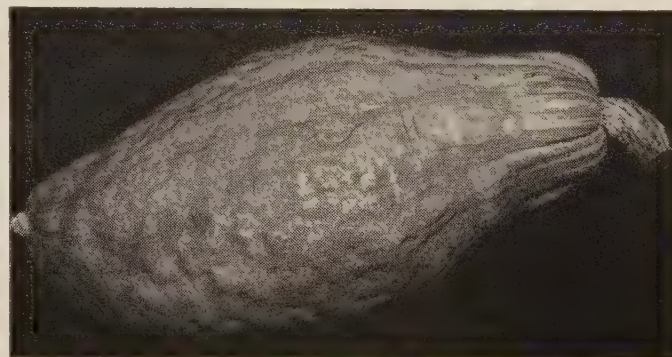
Golden Delicious—100 days. Same as above, orange skin. Oz., 30c; ¼ lb., \$1.00; lb., \$3.00; 5 lbs. or more @ \$2.85 per lb.

Hubbard—105 days. Large, heavy, thick orange meat, bronze green skin. Oz., 25c; ¼ lb., 80c; lb., \$2.45; 5 lbs. or more @ \$2.30 per lb.

Royal Acorn—58 days. A large size Table Queen squash that measures 6 in. long and 5 in. across. The demand is rapidly growing for this larger Acorn and we are very glad to be able to offer you seed that is quite a bit better. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs. or more @ \$2.10 per lb.

Table Queen or Acorn, Des Moines—58 days. Individual squash. Small, dark green, 6 in. long, 5 in. thick. Fine quality. Oz., 25c; ¼ lb., 80c; lb., \$2.45; 5 lbs. or more @ \$2.30 per lb.

Ucon, Gold Medal Winner 1950—Bush type Table Queen without its sharp ridges. Early, heavy bearer. The meat is thick, rich, good quality. Good keeper. Oz., 30c; ¼ lb., 90c; lb., \$2.75; 5 lbs. or more @ \$2.60 per lb.



There are several types of Blue Hubbard Squash but we like this New England strain, with the longer, larger fruits.

TOMATO SEED

An ounce will produce about 1,000 plants. We are giving you the average number of days to maturity from the day the young plant is set in the field.

Gem—66 days. Ripens along with Valiant and as the plant is small and compact in growth and allows close planting, 3 x 4 or 2 x 5, tremendously large yields of early fruit can be expected. 10 tons per acre have been produced early in September. Fruit large, almost round and very smooth. Unripe fruits uniform light green. Ripens uniformly to good clear red. Heavy with thick walls and solid central mass. Quality excellent. **Certified Seed.** ½ oz., 50c; oz., 80c; ¼ lb., \$2.65; lb., \$8.75.

John Baer—73 days. Fruit is flattened globe shaped, smooth and evenly colored bright deep scarlet-red; medium large. The vines are vigorous growing and very productive. **Certified Seed.** ½ oz., 45c; oz., 75c; ¼ lb., \$2.45; lb., \$7.85.

Jubilee—80 days. Large, smooth, deep globe-shaped, rich yellow fruits, with very thick tangerine-orange colored solid flesh and attractive juice. Vines very strong and thrifty and bear abundantly. By far the best yellow kind as yet introduced. ½ oz., 50c; oz., 80c; ¼ lb., \$2.95; lb., \$10.00.



Looking down on a typical plant of Longred tomato showing how well it sets fruit that is uniform in size and shape.

Longred—72 days. Deep globe shaped fruit, very smooth and uniform in size. Fruit solid, weighing from 6 to 8 oz. Clear apple green before turning bright red all over. Rarely cracks and of high quality. Free setting habit with heaviest pickings during the last three weeks in September. Medium size plant with many branches. Fruit sets at the crown and well out on each branch. Abundant foliage gives good cover. Splendid main crop tomato for market growers and for canners. **Certified Seed.** ½ oz., 50c; oz., 80c; ¼ lb., \$2.65; lb., \$8.75.

Red Jacket—70 days. By Prof. Wm. T. Tapley, New York State Experiment Station, Geneva, N. Y. A vigorous vine with heavy "potato leaf" foliage. The fruit is large, slightly flattened, bright, clear scarlet in color and ripens in clusters that may be picked at one time. Many growers who have put in an acreage of Red Jacket are very well pleased with it. On well fertilized land it yields very heavy crops. **Certified Seed.** ½ oz., 50c; oz., 80c; ¼ lb., \$2.65; lb., \$8.75.

RUTABAGA

American Purple Top or Improved Long Island—90 days. The most popular kind for market and storage. The roots are very large, globe shaped, smooth, short neck and light yellow in color below the ground, deep purplish red above. Flesh yellow, fine grained, firm and sweet. A very heavy yielder. ¼ lb., 40c; lb., \$1.25; 5 lbs. or more @ \$1.15 per lb.

Laurentian—100 days. The roots are large, round, purplish red above ground, light yellow below. Flesh is creamy yellow, firm, mild and sweet. Tops are short and practically neckless. Excellent for shipping and storage. ¼ lb., 40c; lb., \$1.25; 5 lbs. or more @ \$1.15 per lb.

If you don't receive our Garden and Floral Guide soon, ask for it.

Rutgers, Early Strain—73 days. Developed by the New Jersey Agricultural Experiment Station. Plant sturdy and vigorous with thick stems and an abundance of foliage which protects the plants from sunscald. Large red heavy tomato with thick outer and inner walls and small seed cavities, producing few seeds. Flesh firm and red. **Certified Seed.** ½ oz., 40c; oz., 65c; ¼ lb., \$2.35; lb., \$8.25.

FOREMOST E-21 HYBRID TOMATO

The new F₂ hybrid that has proved so sensational and superior in all trials we have seen, against other hybrids. Growers who have tried this new hybrid or have seen it growing say it has all the desirable qualities, earliness; at least 10 days earlier than Rutgers; size larger than Stokesdale; color deep scarlet red. Resistant to cracking and blossom-end scar. The vine is less spreading than Rutgers but the plants are extremely vigorous and tremendously productive. Foremost E-21 is a wonderful New Hybrid Tomato. We urge you to try it on your place. Pkg. (50 seeds) 35c; ¼ oz., \$1.75; ½ oz., \$3.00; ¾ oz., \$5.25; 1 oz., \$9.75; lb., \$17.50.

Scarlet Topper or Pritchard—75 days. Medium large, smooth, meaty, very red globe kind, vines erect, self-topping and heavy bearing. Ripens after Earliana and before Marglobe. Flesh firm and thick walled. **Certified Seed.** ½ oz., 40c; oz., 65c; ¼ lb., \$2.35; lb., \$8.25.

Stokesdale—70 days. A second early scarlet-fruited variety maturing a week earlier than Marglobe. The plant rather open in habit with medium heavy foliage. Fruits large, globe shaped, solid, smooth and well colored all over. **Certified Seed.** ½ oz., 40c; oz., 65c; ¼ lb., \$2.35; lb., \$8.25.

Valiant—66 days. New, early kind with larger and much better fruit than Earliana. Smooth, deep, round, bright scarlet. Very profitable as an early market kind. **Certified Seed.** ½ oz., 40c; oz., 65c; ¼ lb., \$2.45; lb., \$8.50.

Victor—66 days. Early, even ripening, small vined tomato that may be set as close at 2 ft. each way. Fruit is of good size, globe shaped, slightly flattened, smooth and deep scarlet, seldom cracks. We have found it to do very well on some lands, not so well on others. **Certified Seed.** ½ oz., 40c; oz., 65c; ¼ lb., \$2.45; lb., \$8.50.

SMALL FRUITED VARIETIES

Red Pear, Yellow Pear, Red Cherry, Yellow Cherry, Red Plum, Yellow Plum. ¼ oz., 25c; oz., 75c; ¼ lb., \$2.45.

GREENHOUSE FORCING TOMATOES

Comet—For greenhouse and for growing outdoors on stakes, of medium size, bright red, very smooth. Sells well on the market. **Certified Seed.** ¼ oz., \$1.10; ½ oz., \$1.90; oz., \$3.50; ¼ lb., \$12.00.

Waltham Forcing—From the Mass. State College Agri. Exp. Sta. at Waltham, Mass. Early, heavy bearing tomato for greenhouse growing and outdoor trellis. Fruit round, solid and of medium size and bright red in color. This tomato does not crack and ships very well. Tr. pkg., 75c; ¼ oz., \$2.00; oz., \$7.50.

TURNIP

1 to 1½ pounds per acre in drills, 2 to 2½ pounds broadcast

Golden Ball—60 days. This is the finest yellow fleshed variety for table use. The roots are of medium size, nearly round with orange yellow skin. The yellow flesh is of the very finest quality. ¼ lb., 40c; lb., \$1.25; 5 lbs. or more @ \$1.15 per lb.

Purple Top White Globe (Market Gardener's Strain)—55 days. Standard market and shipping kind. Tops medium large, smooth globe-shaped roots; bright purple-red above, white below. Flesh firm, white, fine grained. ¼ lb., 30c; lb., \$1.00; 5 lbs. or more @ 90c per lb.

Shogoin Foliage Variety—42 days. Better than Seven Top for greens. Bulbs white, oblong, fine quality. Tops fresh light green and of splendid quality. ¼ lb., 30c; lb., 95c; 5 lbs. or more @ 85c per lb.

WATERMELON

Dixie Queen—85 days. Nearly round, light green striped with darker green, melon often weighing 40 to 50 lbs., thin, tough rind, thick, deep red, crisp, sweet flesh. Very few white seeds. Oz., 25c; ¼ lb., 75c; lb., \$2.45.

Early Kansas—85 days. Handsome, nearly round, deep emerald green with irregular, paler stripes. Flesh very bright red, thick, crisp, sweet. Good shipper. Oz., 25c; ¼ lb., 75c; lb., \$2.45.

Honey Cream—82 days. Large, round, light green, darker green stripes. Creamy yellow flesh of excellent quality. Good for roadside stands and home gardens. Oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

New Hampshire Midget—Small, "icebox" size 6x7 in. Striped tender rind. Thick flesh, red, sweet, juicy. Ripe 70 days after seed sown. Vigorous, heavy bearing vines. Oz., 45c; ¼ lb., \$1.40; lb. \$4.25; 5 lbs. or more @ \$4.10 per lb.

Seedless—This new, round 10 to 15 pound melon with its clear green skin; without stripes, and its rich reddish pink flesh. Extra sweet and flavorful, is getting popular on the roadside stand and market. Try it. Pkg. of Seed 85c.



Joseph Pierce of Newhampton, N. Y., had some mighty fine words of praise for our Touchon Carrot.

Green Citron—95 days. Outer flesh is used in preserving. Heavy bearing. Oz., 15c; ¼ lb., 50c; lb., \$1.65.

ROOTS-BULBS-TUBERS-PLANTS

ASPARAGUS ROOTS

Mary Washington—A rust resistant, bright green stalked, purple tipped kind. The shoots are thick, heavy and straight. A heavy yielding asparagus and no doubt the most popular kind grown.

Freshly dug, large one year old roots, carefully sized and graded, with large crowns and numerous rootlets. 100 for \$4.65 postpaid; 250 for \$7.50; 1000 for \$28.00 not prepaid.

No. 500—A new kind developed by G. C. Hanna of the University of California. Larger spears. More productive. Heads more closed. Does not flower out as soon. Better for shipping, canning and freezing. Freshly dug and well graded one year old roots. 100 for \$5.25, postpaid; 250 for \$9.85; 1000 for \$35.00, not prepaid.

ONION SETS

Place your order for sets early and we will ship promptly as soon as the danger of their freezing on the way to you is over.

Ebenezer—The best yellow onion to grow from sets. Bulbs are large, flat, have a good tight skin that stays on well and the flesh is pure white and of good quality. This is the best kind to use if your market wants a flat onion. Ebenezer matures fairly early and keeps in storage splendidly. 12 to 18 bu. required to plant an acre. 10 lbs., \$2.85 prepaid to you; bushel, \$4.85; 2 to 10 bu. @ \$4.65 per bu., 10 bu. or more @ \$4.50 per bu. Transportation not paid.

White or Silverskin—The kind that is grown for bunching "Spring Onions" that come on the market very early. Also grown for their medium size, flat, pure white bulbs that mature early and make a fine appearance on the market.

Sorry but the crop is not keeping well in storage this winter. Doubt if the quality will be good in the spring.

ONION PLANTS

Again this year we offer the same quality Yellow Sweet Spanish onion plants that were so well thought of in past seasons. Set them 4 in. apart in the row and they will make big onions in 10 weeks. Plants tied in bundles of about 100.

Please remember that we buy and sell onion plants by the bundle, not by plant count. We will not be responsible for the actual number of plants per bundle. In Texas they are pulled by the handful and each handful is called a bundle.

Around April 15th is the usual time for shipping early orders out of here and we bring in fresh shipments from Texas every few days until the middle of May. We will try to get your plants to you when you want them but weather and transportation may upset our plans. If you get your plants and cannot set immediately spread the bundles out in a cool, dry place. Please place your order early.

Price: 10 bundles for \$3.25; 20 bundles, \$4.95. Prepaid to you. Crate of 60 bundles, \$9.50; 5 to 10 crates @ \$9.15 each; 10 crates or more @ \$8.85 per crate, not prepaid.

GARLIC BULBS

Fancy California White "Long-Keeping Variety"—The bulbs are separated into flakes or cloves and planted like set onions. Lb., 75c; 10 lbs. @ 65c per lb. Prepaid to you.

HORSE RADISH ROOTS

Maliner Kren—This true Bohemian variety is the standard for making Grated Horseradish and other horseradish condiments. Vigorous growing, it makes large white roots very quickly. We offer cuttings or small roots the proper size for planting. 100 for \$3.00; 250 for \$5.00; 1000 for \$18.50, postpaid.

SWEET POTATO PLANTS

You can grow Sweet Potatoes very successfully right in your own vegetable garden. Sweet Potatoes are not so particular as to the soil you plant them in but they do their best in a light, well drained, sandy loam. Here in New York State, where we have a four months' growing season, we grow very good Sweet Potatoes.

We offer you well grown plants, that will be ready about May 1st, of these two good varieties.

Nancy Hall—Most popular yellow flesh variety.

Porto Rico—Orange-fleshed Yam.

25 plants for 60c; 50 for 95c; 100 for \$1.65; 1000 for \$7.75; prepaid to you by mail or express.

Complete directions for planting and care sent with every order.

STRAWBERRY PLANTS

New York State grown and freshly dug plants, carefully sorted, graded and packed. We guarantee our plants to reach you in good condition.

Robinsin—A new variety that is rapidly making friends among the market gardeners. An extremely heavy bearer. The fruit is large, bright red and delicious. Good for eating fresh, canning or freezing. Ripens in midseason. 1000 for \$18.50, not prepaid. 250 for \$6.25; 100 for \$3.25 postpaid.

Premier—Popular extra early variety. Sure and heavy bearer of very high quality fruit. 1000 for \$18.50, not prepaid; 250 for \$6.25, postpaid; 100 for \$3.25, postpaid.

Sparkle—New mid-season berry of the highest quality. Ripens a week later than Premier. The vigorous plants are dependably heavy bearers. 1000 for \$18.50, not prepaid; 250 for \$6.25, postpaid; 100 for \$3.25, postpaid.

Streamliner (New Giant Everbearer)—Has all good qualities: size, shape, color, quality. Bears in July and until freezing. Best everbearing kind. 25 plants for \$2.85; 50 for \$4.45; 100 for \$7.25; 250 for \$14.75.



Early Flowering Ballet Queen Asters are fine for cutting.

EARLY BEAUTY—Wilt-Resistant

Very large, double flowers on long, strong stems blooming at about the same time as Branching.

Crimson	Purple	Sept. Pink
Lavender	Rose	White

Mixed Colors—Tr. Pkg. 30c; $\frac{1}{4}$ oz., 60c; oz., \$1.85.

PRINCESS ASTERS

Valuable as a cut flower. Blooms 3 inches in diameter, deep crested centers surrounded by several rows of guard petals. Long stems. Blooms in August. Splendid shipper.

Anne—Peach blossom.
Barbara—Orchid.
Bonnie—Soft salmon pink.
Elizabeth—Pure white.
Golden Sheaf—Creamy white and yellow.
Margaret—Florist rose.
Marsha—Cinnabar scarlet.
Susan—Clear deep blue.

Mixed Colors.
Any of above—Tr. pkg., 40c; $\frac{1}{4}$ oz., 80c; oz., \$2.75.



Princess Asters make splendid cut-flowers.

WILT-RESISTANT ASTERS

There are about 12,000 seeds in an ounce of Aster

QUEEN OF THE MARKET ASTERS

Wilt-Resistant Seed

We offer a greatly improved strain of these well-known, early flowering Asters. They are of branching habit, about 20 in. tall and bloom early in August. Very useful as a cut flower for early market.

Crimson	Purple	Rose
Lavender	Shell Pink	White

Ballet Queen—Deep Salmon rose, exceptionally double and extremely wilt resistant.

Mixed Colors.
Any of above—Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$1.85; $\frac{1}{4}$ lb., \$6.50.

VICK'S ROYAL ASTERS

Wilt-Resistant Seed

This early flowering Aster blooms after Queen of the Market and 10 days before Late Branching. Similar in form to Vick's Branching.

Lavender	Rose	Scarlet
Purple	Shell Pink	White

Mixed Colors.

Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$1.85; $\frac{1}{4}$ lb., \$6.50.

SINGLE RAINBOW—Wilt-Resistant

Attractive single daisy-like flowers that come in a mixture of pinks, light blue, rose, purple, crimson and white on long stems with excellent keeping qualities. Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$1.85.

IMPROVED SUNSHINE ASTERS

A race of Asters growing 3 to 4 ft. high, bearing very large flowers with a single row of outer or guard petals of brilliant color that encircle a disc of quilled shorter petals of contrasting tint. A great improvement on the ordinary California Sunshine Aster.

Mixed Colors—Including Pink, Rose, Salmon, Lavender, Purple, White, etc. Tr. pkg., 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.25.

ACROCLINIUM

Double Giant Hybrids—New very large flowering variety. Good fresh cut flower. Excellent winter flower when dried. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz. \$1.00.

AGERATUM

Blue Ball Improved—Compact 6 in. plants covered with large lavender-blue flowers. Tr. pkg., 30c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.15; oz., \$4.00.

Blue Perfection—Best dark blue. 10 in. high. Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

ALYSSUM

Carpet of Snow, Procumbens—Pure white, 4 in. tall, spreading, $\frac{1}{4}$ oz., 25c; oz., 75c; 4 oz., \$2.25.

Little Gem—Compact, 5 in., rounded plant, pure white flowers. $\frac{1}{4}$ oz., 30c; oz., 85c; 4 oz., \$2.65.

Sweet Maritimum—Pure white flowers on 10 inch plants. $\frac{1}{4}$ oz., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

Violet Queen—New dwarf compact kind covered completely all season with bright violet flowers. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25; 4 oz., \$4.25.

VICK'S BRANCHING ASTERS

Wilt-Resistant Seed

The best known Florist variety, full flowers on tall, strong stems. Vigorous plants 2 to 3 ft. high. This is the variety most florists use who grow seedling plants for sale.

	Tr.	$\frac{1}{4}$	Oz.
Pkg.	Oz.		
Crimson—Rich, deep	.30	.60	\$1.85
Heart of France—Red	.30	.60	1.85
Lavender—Dark lavender	.30	.60	1.85
Peerless Pink—Shell pink	.30	.60	1.85
Purple or Dark Blue	.30	.60	1.85
Rose—Bright rose	.30	.60	1.85
Shell Pink (Mary Semple)	.30	.60	1.85
White	.30	.60	1.85
Many Colors Mixed	.30	.60	1.85

IMPROVED GIANT CREGO

OR ROCHESTER

Wilt-Resistant Seed

Robust plants about 2 feet high. Flowers large double and well-formed, having long, narrow, ribbon-like petals, resembling those of the ragged Chrysanthemum. They bloom at the same time as Vick's Branching Asters.

Crimson	Salmon-rose	Shell Pink
Rose	Lavender	White
		Purple

Mixed Colors.

Any of above—Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$1.85.

IMPROVED GIANTS OF CALIFORNIA

Large flowers on very long, strong stems, Crego type flowers with long, narrow, curled and twisted petals. Blooms from late summer until frost of very upright, strong growing plants with an abundance of very dark glossy green foliage.

Super Giant El Monte—Crimson.

Super Giant Los Angeles—Shell pink.

Above—Tr. pkg., 35c; $\frac{1}{4}$ oz., 85c; oz., \$3.00.

AMARANTHUS

Molten Fire—Bronze foliage with fiery scarlet tips from midsummer until frost on 5 ft. plants. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

ANAGALIS

Grandiflora Mixed—Brilliant blue, lilac, scarlet and crimson blooms cover 6 in. plants from July to frost, $\frac{1}{4}$ oz., 25c; oz., 75c.

ANCHUSA

Capensis Blue Bird—An annual, dwarf, compact plant 18 in. high, covered all summer with indigo blue flowers. $\frac{1}{4}$ oz., 25c; oz., 75c.

ARCTOTIS

Giant Flowering Hybrids—Large Gerbera like flowers, 2½ in. across in white, red, maroon, russet, etc. 10 in. high. Mixed colors. Tr. pkg., 35c; $\frac{1}{4}$ oz., 85c; oz., \$2.65.

ASPARAGUS

Plumousus Nanus—Fine feathery foliage. 100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, \$2.00; 5,000 seeds, \$9.00.

Sprengerii—100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, \$2.00; 5,000 seeds, \$9.00.



Pacific Beauty Calendulas are resistant to mid-summer heat.

PACIFIC GIANT CALENDULA

A new family of Calendula, the result of several years' work that has produced a strain with uniformly larger flowers of better form, clearer colors, long and straighter stems and much more resistant to midsummer heat.

Apricot Beauty—Attractive two-toned flower; the best Calendula in the apricot shades.

Cream Beauty—Very delicately colored of cream white shading to soft light yellow.

Lemon Beauty—A pure lemon yellow. The long, wide petals give the flower a much more graceful appearance and the centers are well covered.

Persimmon Beauty—True persimmon-orange flowers of unusual brilliance and size.

Pacific Beauty Blend—A mixture of the four kinds described above.

Any of the above: Tr. pkg., 35c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Ball Lemon Queen—Deep yellow, dark brown center, good stem. Tr. pkg., 40c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Ball Long Orange—Deep orange, very double flowers, long, strong stems. Tr. pkg., 40c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Orange King—Rich, deep orange red, dark center. The result of over 25 years of selection work. $\frac{1}{4}$ oz., 25c; oz., 85c; $\frac{1}{4}$ lb., \$2.40.

Yellow Colossal—The 18-inch bushy plants are loaded with very large, loosely petaled, golden yellow blooms on long, strong stems. $\frac{1}{4}$ oz., 45c; oz., \$1.50; 4 oz., \$5.35.

Mixture of Ordinary Kinds—Eight of the older Calendulas including the three above go into this mixture. $\frac{1}{4}$ oz., 25c; oz., 80c; $\frac{1}{4}$ lb., \$2.35.

BALSAM

Double Camelia-Flowered, Mixed Colors—Brilliant double flowers all summer. 2 ft. high, $\frac{1}{4}$ oz., 30c; oz., \$1.00.

CALLIOPSIS

Single golden yellow flowers with dark eyes all summer. Excellent for cutting.

Gold Crest—Large semi-double flowers 3 inches across, golden yellow with brown eyes. 18 inches tall. Tr. pkg., 15c; $\frac{1}{4}$ oz., 25c; oz., 65c.

Tall Single Kinds—2 $\frac{1}{2}$ to 3 ft. $\frac{1}{4}$ oz., 20c; oz., 60c.

CAMPANULA

Annual Canterbury Bell—Bloom six months after its seed is sown. These colors in mixture: pink, rose, blue, lavender, white. Tr. pkg. 15c; $\frac{1}{4}$ oz., 25c; oz., 85c.

CANDYTUFT

Giant Hyacinth Flowered Empress— $\frac{1}{4}$ oz., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.65.

Umbellata—Valuable for cutting, especially in the spring.

Carmine	Pink	White	Crimson
Rose Cardinal		Mixed	Lavender
$\frac{1}{4}$ oz., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.75.			

CARDINAL CLIMBER

Annual vine growing 30 ft. a season covered with brilliant red bloom, midsummer to frost. $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.00.

CINERARIA

Cremer's Prize, Improved—A splendid wilt-resistant kind with large flowers in a wonderful range of color. Plant compact growing with small leaves. Tr. pkg., \$1.50; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; $\frac{1}{2}$ oz., \$7.50.

CLARKIA

Giant Double-Flowering, Mixed Colors—Very popular for growing both indoors and out as a cut flower. Grow in poor soil and keep on the dry side. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

CYNOGLOSSUM

Firmament—New Chinese Forget-Me-Not grows 1 ft. high and will flower either outdoors or under glass. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

CARNATIONS

CHABAUD'S IMPROVED GIANTS

This popular long, strong-stemmed variety bearing very fragrant flowers will give an abundance of bloom 5 months after sowing the seed. The flowers are very double and borne on 16 inch stems.

Cardinal Red	Deep Salmon	White
Crimson	Flesh Pink	Yellow
Deep Rose	Rose Pink	Mixed

Tr. pkg., 35c; $\frac{1}{4}$ oz., 95c; oz., \$3.25.

Grenadin Carnation—See page 22.

CELOSIA

Dwarf Empress—A Cristata variety that bears brilliant combs of giant size. Foliage is crimson. Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.25.

Hart & Vick Blend—A mixture of colors in the dwarf, comb type of Celosia, 8 to 10 in. high. Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.25.

Thompson's Magnifica—Long brilliantly colored and feathered plumes of flowers on strong, 2 ft. stems. Splendid for cutting. $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Childsii—Chinese Woolflower with large globular heads like balls of wool. Orange, yellow, pink, crimson, mixture of color. Tr. pkg., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Giant Pampas Plume—Huge feathered plumes in a mixture of colors containing bronze, copper, gold and sunset colors. Very long stems make this a most desirable cutflower. Tr. pkg., 45c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25.

CENTAUREA

CYANUS—CORNFLOWER

A new and greatly improved strain for the florist trade with blooms twice the size of the old Bachelor Button, very double, full petaled, brilliant colors, long, strong stems.

Blue Boy—Rich intense blue, very double.

Black Boy—Deep maroon. An odd color.

Pinkie—Rich clear rose, double, long stemmed.

Red Boy—Deep red. Growing very popular.

Snow Man—Pure white. No dark markings.

Mixed—All colors.

$\frac{1}{4}$ oz., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$5.00.

TWO LOW GROWING CENTAUREAS

Jubilee Gem—Low growing, compact plant covered with medium size, bright blue flowers. Very popular. $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

CHRYSANTHEMUM

Annual Chrysanthemums or Painted Daisies bloom from early summer until late fall. Make a splendid cut-flower.

Carinatum fl. pl., Choicest Mixture—Large very double flowers in a wide range of color. Splendid cut flowers for florists. $\frac{1}{4}$ oz., 40c; oz., \$1.25.

Merry Mixture—Large single daisy like, long petaled flowers on long, strong stems. Gay colors, zoned and ringed with contrasting colors. An easily grown catch crop. $\frac{1}{4}$ oz., 40c; oz., \$1.25.

CLEOME

Giant Pink Queen, Silver Medal Winner 1942—Huge trusses of salmon pink flowers on stems 3 ft. high. Plant it in large clumps or a double row for a hedge. This is strictly an outdoor flower. It does not hold up at all when cut. Tr. pkg., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

COLEUS

Rainbow Mixture—Unexcelled for the form and coloring of its large leaves. Tr. pkg., 60c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$7.00.

Small Leaved Varieties—Compact, sturdy growing plants with small foliage mottled and splashed with many colors. Tr. pkg., 60c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$7.00.

IMPERIALIS—SWEET SULTAN

These Sweet Sultans are best for cutting purposes. Large, fluffy, thistle-like blooms 2 $\frac{1}{2}$ in. in diameter on very tall, strong stems. We offer a mixture of colors: red, lavender, purple, rose and white. **In mixture only**— $\frac{1}{4}$ oz., 30c; oz., 95c.

Candidissima—**Dusty Miller**—White leaved, 6 in. for bedding. Tr. pkg., 45c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

Gymnocarpa—Finely cut silvery white foliage. 24 in. high. Tr. pkg., 15c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Polar Gem—New—Pure cream white flowers of the same size and form as Jubilee Gem on low growing compact plants. $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

COSMOS

Sensation—A new very large single flowering kind with flowers on compact plants 5 ft. high. By far the best single flowering kind.

Pink Lady—Bright pink
White King—Pure white
Dazzler—Crimson

Radiance—Rosy red
 crimson disc
Mixed Colors

Any of above—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

Early Double Crested—A crest of fine petals surrounded by a row of broad overlapping petals. Blooms from July to frost. **Mixed Colors** Tr. pkg., 25c; ¼ oz. 65c; oz., \$2.25.

Orange Flare—Large single orange flowers on long stems. Plant 5 ft. high. Tr. pkg., 15c; ¼ oz., 25c; oz., 85c.

Fiesta Silver Medal 1952 All-America—A new color in Cosmos, scarlet and yellow. Early blooming, easy to grow. Plants 2½ ft. tall and bloom all summer. Grow a good supply of seedling plants, your customers are going to ask for it. Pkg. 25c.

DIANTHUS

Giant Double Sweet-Scented—Double flowers with colors from delicate pink to the deepest crimson. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.40.

Single Gaiety—Largest flowers of all annual Pinks. Deeply fringed edges. Most brilliant colors. Tr. pkg., 35c; ¼ oz., 70c; oz., \$2.35.

Sweet Wivelsfield—Have the thrifty growth of Sweet William, and flowers the brilliancy of Japanese Pinks. Single flowers in mixed colors. Tr. pkg., 20c; ¼ oz., 30c; oz., \$1.00.

DRACENA

Often called "Spikes." Useful as center plants in baskets, window boxes, etc. Rub the hull from the seed before planting.

Indivisa—Tr. pkg., 15c; oz., 50c; ¼ lb., \$1.50.

ESCHSCHOLTZIA

Golden West—Single yellow with orange blotch. ¼ oz., 20c; oz., 50c.

Single Mixture of Colors—Yellow, orange, buff, red, pink. ¼ oz., 20c; oz., 50c.

EUPHORBIA

Variegata—Snow on the Mountain. Light green leaves edged with white. Grows about 2½ ft. high. ¼ oz., 20c; oz., 50c; ¼ lb., \$1.65.

GAILLARDIA

Gaiety Blend—Full double flowers in all the Gaillardia shades and colors. Tr. pkg., 15c; ¼ oz., 30c; oz., \$1.00.

Indian Chief—Large single bronzy red flowers. Tr. pkg., 15c; ¼ oz., 30c; oz., \$1.00.

DAHLIAS FROM SEED

Coltness Hybrids—Sturdy 18-inch plants covered with charming single flowers in many brilliant colors. ⅛ oz., 25c; ¼ oz., 45c; oz., \$1.50.

Unwin's Dwarf Hybrid—Miniature single, semi-double and double flowers in a brilliant array of colors. Grows 20 inches high, starts blooming early in August and continues until frost. Splendid for cutting. Tr. pkg., 25c; ¼ oz., 70c; oz., \$2.50.

GYPSOPHILA

Covent Garden Market Reselected—A greatly improved, large, full-petaled, pure white flowering strain, unsurpassed as to size, form and texture, and pureness of color of its flowers. We can confidently recommend this seed to particular growers, everywhere. They will find it unexcelled. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$8.00.

Elegans Carmine—Carmine pink. Tr. pkg., 15c; ¼ oz., 35c; oz., \$1.25.

GODETIA

Duke of York—Single flowers of carmine and white. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75.

Tall Double Mixed—Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75.

Dwarf Double Mixed Colors—Tr. pkg., 25c; ¼ oz., 45c; oz., \$1.35.

GOMPHRENA

Globosa—Similar to red clover. One of the "Everlastings." ¼ oz., 30c; oz., \$1.00.

GOURDS

Small Fruiting Kinds, Mixed—A splendid strain we've had grown for us for many years. In it you will find some 30 varieties, both warted and smooth. ¼ oz., 20c; oz., 50c; ¼ lb. \$1.75.

HELIANTHUS

Sungold—Rich, golden yellow very double flowers, 3 inches in diameter on long strong stems. Grows about 4 ft. high and if kept pinched back will produce quantities of bloom. Good cut-flower. Tr. pkg., 15c; ¼ oz., 25c; oz., 75c.

HELICHRYSUM

Double, daisy like flowers in many brilliant colors. Grows about 2 ft. high. The most popular "strawflower." 35000 seeds to the ounce. Mixed colors. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

HELIOTROPE

Lemoines Giant Mixture—Blooms in 4 months from sowing the seed and grows 24 inches tall. Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.75.

LANTANA

Dwarf Hybrids, Mixed Colors—Sow early and give bottom heat. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.50.

LINUM

Rubrum (Scarlet Flax)—Brilliant single scarlet flowers. Tr. pkg., 15c; oz. 50c.

LOBELIA

Crystal Palace Compacta—Dark blue, dark foliage. Tr. pkg., 25c; ¼ oz., 85c; oz. \$3.00.

Sapphire—For hanging baskets. Navy blue, white eye. Tr. pkg., 35c; ¼ oz., \$1.00.

LUPINES

King Lupin—1200 seeds to the ounce. Base branching and have four to six long spikes to the plant. **Dark Blue, Sky Blue, White Heliotrope, Mixed.** Tr. pkg., 20c; oz., 80c.

MIGNONETTE

Allen's Defiance—Tr. pkg., 15c; oz., 40c.
Red Goliath—Tr. pkg., 15c; ¼ oz., 30c.



Giant Imperial Larkspur

FUCHSIAS FROM SEED

Bodger's Superlative Mixture made from crosses between plants having American Fuchsia Society "A" or "B" ratings only, including pastels. This tall, upright, compact base branching type is the best, we believe, for outdoor growing. Trade package of about 100 seeds, \$1.50; 2 Tr. pkgs. for \$2.75.

ANNUAL LARKSPUR

Giant Imperial Type—The tall, upright, compact, base branching habit of this class is popular with florists. Tall spikes of double flowers on 4 ft. stems on compact plants require less space than older kinds.

Blue Bell—Light azure blue.

Blue Spire—Deep violet blue.

Carmine King—Deep carmine rose.

Dazzler—Rich carmine scarlet.

Giant Imperial Mixed Colors.

Exquisite Pink Imp.—Soft pink.

Lilac King—Rich lilac double flowers.

Pink King—Clear pink.

Rosalie—Deep rose pink.

Rosalind—Lovely salmon-rose.

White King—Best clear white.

Prices of Above: Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.10; 4 oz., \$3.45; lb., \$10.85

Stock Flowered Mixture—Double flowers on base branching 3 ft. plants. Tr. pkg. 25c; ½ oz., 50c; oz., 95c; ¼ lb., \$3.35.



Tall Branching All-Double Marigold.

MARIGOLDS

TALL KINDS FOR CUTTING

All Double Orange—Splendid tall branching kind bearing giant 100 per cent double quilled type flowers. Rich, clear orange blooms on tall, strong stems.

All Double Yellow—Lemon yellow, very double flower.

All Double Mixture—A blend of the two above colors. Any of above—Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.60; $\frac{1}{4}$ lb., \$5.50.

Carnation Flowered Guinea Gold—Grows 2½ ft. high and bears semi-double carnation-like brilliant orange flowers 2½ inches in diameter. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.60.

Carnation Flowered Yellow Supreme—Large, fragrant, frilled creamy yellow flowers, long stemmed, 2 ft. high. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.60.

Mission Giant Goldsmith—All America Bronze Medal. Giant Chrysanthemum-flowered golden orange. Long stems. Grows 18 inches tall. Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Mission Giant Yellowstone—Bronze Medal Winner. Like above but with golden yellow flowers. Tr. pkg., 30c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Sunset Giants—Giant sweet scented flowers, ranging from primrose to deep gold; double, tall and upright growing. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Large Flowered Odorless Mixed—This is a pleasing blend of autumn colors made from carnation and chrysanthemum flowered odorless kinds. Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.50; $\frac{1}{4}$ lb., \$5.35.

Mammoth Mum—A splendid cut-flower. Blossoms are light yellow, full crested chrysanthemum flowered 3½ to 4 inches in diameter. Long strong stems. A good cut-flower or to grow as seedlings in flats for the garden trade. Tr. pkg., 35c; $\frac{1}{4}$ oz., 80c; oz., \$2.40.

LOW GROWING FRENCH MARIGOLDS

Butterball (Miniature)—Flowers of medium size with a center crest and guard petals of golden yellow faintly tipped with maroon. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Early Harmony—Very early, all-double, large, very brilliant flowers, golden yellow with rich maroon border, on 10 in. plants. Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

Eldorado—A live, pleasing canary yellow slightly deeper toward the center of the flower. Blooms 1½ in. across; closely set on rounded 10 in. high plants. Tr. pkg., 25c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

Flash—Single flowers of medium size ranging in color from vivid red through bronze with a scattering of yellow blooms. Much more vivid colors in cool weather. Blooms profusely on 18 in. plants. Tr. pkg., 35c; $\frac{1}{4}$ oz., 60c; oz., \$1.80.

Naughty Marietta—Quantities of single, golden yellow flowers, each petal marked with mahogany at the base. Plant vigorous, branching and semi-dwarf. Splendid cut-flower and bedding kind. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Spry (Miniature)—Double light orange crested flowers with maroon outer petals. 8 in. high. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Yellow Pygmy (Miniature)—Compact 8 inch high, double, miniature blooms, creamy yellow. Pot plant. Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

Gem Mixture—A blend of the above miniatures and many others of the same type. Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

Monarch Mixture—The very best mixture of double-flowering, low-growing, French-type Marigolds. Tr. pkg., 15c; $\frac{1}{4}$ oz., 30c; oz., 90c.

SCOTCH MARIGOLD

Gnome (Little Giant Improved)—Uniformly dwarf plants covered with bright orange, single flowers, very early. Fern-like foliage. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.25; $\frac{1}{4}$ lb. \$5.35.

MORNING GLORY

Blue Star—New. A distinct shade of clear sky blue accentuated by the five deeper blue mid-ribs to form an attractive star. Tr. pkg., 35c; $\frac{1}{4}$ oz., 75c; oz., \$2.25.

Darling—New early blooming wine-red flower with a white throat. Much brighter and more attractive than Scarlett O'Hara. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Heavenly Blue—Clark's Mammoth Early Flowering Strain. $\frac{1}{4}$ oz., 20c; oz., 65c; 4 oz., \$2.00.

Pearly Gates—White. $\frac{1}{4}$ oz., 45c; oz., \$1.35.

Scarlett O'Hara— $\frac{1}{4}$ oz., 35c; oz., \$1.00.

NICOTIANA

Affinis—White flowering, sweet scented tobacco. 36 inches. $\frac{1}{4}$ oz., 20c; oz., 65c.

Crimson Bedder—Carmine crimson, sweet scented flowers. Grows about 20 in. high. Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Daylight Sensation Mixture—Blooms in the daytime. Large brilliant flowers on 3 ft. plants. Tr. pkg., 35c; $\frac{1}{4}$ oz., 85c; oz., \$2.65.

Hybrid Mixture—White, red and crimson. 24 in. tall. $\frac{1}{4}$ oz., 20c; oz., 65c.

NIEREMBERGIA

Purple Robe—Compact 15 in. plant covered with deep violet-purple. Splendid for bedding. Tr. pkg., 45c; $\frac{3}{8}$ oz., \$1.65; $\frac{1}{2}$ oz., \$3.00.

PHLOX DRUMMONDI

Giant Flowering Phlox—Larger flowers and stronger plants than older kinds.

Mellow Moon—Soft yellow.

Red Glory—Brilliant red, creamy eye.

Rosy Morn—Rose pink, white eye.

Salmon Glory—Salmon, creamy eye.

Tr. pkg., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Large Flowering Mixture of Colors—Brilliant and popular bedding plant, 15 to 18 inches tall; in bloom from early summer until frost. Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$1.85.

Dwarf Mixed Colors—Low growing 8 in. plants. Tr. pkg., 30c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Starred and Fringed—Brilliantly colored flowers with fringed and pointed petals, many artistically starred with a sharply contrasting color. Grow 1 ft. high. In all color mixture. Tr. pkg., 30c; $\frac{1}{4}$ oz., 75c; oz., \$2.45.

Globe Phlox—Honorable Mention All-America Awards 1952—A new type of plant in dwarf annual phlox for low edging, bedding, ground covers, rockeries and in pots and window boxes. Globe shaped 6 inch plants covered with bloom. In a mixture of colors. Tr. pkg. 35c; $\frac{1}{4}$ oz., \$1.25; oz. \$4.00.

PORTULACA

Single Flowering Mixed Colors—Popular, low-growing bedding plant particularly adapted to dry, sunny locations. Tr. pkg., 25c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 65c; oz., \$2.25.

Double Flowering Mixed Colors—Small, very double flowers like miniature roses. Many brilliant colors. Tr. pkg., 35c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

PANSIES

About 25,000 seeds in an ounce

H. & V. Giant Exhibition Mixture—Giant flowers of good substance on long, strong stems. A very wonderful range of color. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$2.15; oz., \$7.50.

Roggli Giants Mixture—Giant flowers often 3 inches across, perfectly round and with overlapping petals, long strong stems. You will find many rich red, bronze and copper flowers in this Swiss mixture. As fine a pansy as there is in the country. Tr. pkg., 75c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; oz., \$10.00.

Trimardeau Mixture—Medium sized flowers with a wide range of color, many selfs others prettily blotched. Plants are robust, compact in growth and unusually free blooming. Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.75.

SALVIA

America (Globe of Fire)—Blooms early, plants uniformly about 22 inches tall. Tr. pkg., 60c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.25.

Bonfire (Clara Bedman)—Medium tall kind, about 26 inches. Tr. pkg., 50c; $\frac{1}{4}$ oz., 80c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.50.

St John's Fire—Earliest and most dwarf growing variety. Blooms from early August until frost. Tr. pkg., 75c; $\frac{1}{8}$ oz., \$1.35; $\frac{1}{4}$ oz., \$2.45; oz., \$7.50.

SALPIGLOSSIS

Emperor—Trumpet shaped flowers in solid colors striped with gold and silver. Plants grow 3 ft. tall. Make excellent cut flowers. Special mixture of colors. Tr. pkg., 15c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.

WAVED AND RUFFLED PETUNIAS

There are about 200,000 seeds in an ounce

Burgundy—Dark Burgundy wine red ruffled flowers with a large white throat. Grows 15 inches high. Tr. pkg., 60c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75.

Flaming Velvet, Giant Type—Mahogany red waved flowers. Plant rather compact. Grows 15 inches high. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50.

Glamour—The extremely large 4 to 5-inch blossoms are outstanding in their coloring of salmon-rose, delicately veined brown, with a cream and apple-green, open, shallow throat. Plant grows $1\frac{1}{2}$ to 2 ft. tall. $\frac{1}{2}$ tr. pkg., 40c; tr. pkg., 75c; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.75.

Elk's Pride Dwarf—Rich velvety purple ruffled flowers on sturdy low-growing plants. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50.

Theodosia Improved—Deep golden throated, large ruffled, single rose-pink. Grows about 18 inches tall, bears abundance of flowers. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50.

Snowstorm Improved—Pure white waved petaled flowers often 4 inches across. Plant grows 18 inches tall. A great favorite with gardeners. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50.

Fringed Snowstorm—Heavily fringed pure white flowers $2\frac{1}{2}$ to 3 in. across with cream colored throats. Splendid for growing in pots or for outdoor bedding. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.50.

Dwarf California Giants—Largest of all Petunias. A splendid low growing, giant ruffled-flowered Petunia that comes in many beautiful colors, with wide-open mouths, and wonderfully veined and feathered throats. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 60c; $\frac{1}{2}$ oz., \$2.75.

Ruffled Giant Mixture—This is as fine a strain as can be had anywhere, coming in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black, velvety crimson-maroon flowers with its threads of white, yellow, lilac, and rose. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 60c; $\frac{1}{2}$ oz., \$2.75.

Little Giants Ruffled Mixture—Low, erect growing, compact plants about 12 inches high bearing quantities of ruffled and frilled blooms of medium size in a very wide range of color from deep crimson to white in almost every imaginable shade and combination of color and marking. This mixture makes a very desirable pot plant. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 60c; $\frac{1}{2}$ oz., \$2.75.



Theodosia Improved is a splendid petunia for beds and borders in the garden.

TWO PAN-AMERICAN F-1 HYBRIDS

Ballerina—Honorable Mention. All-America Awards 1952—Ruffled and fringed petals of soft glowing salmon blooms $3\frac{1}{2}$ to 4 in. across are borne freely, very early, in dwarf uniformly compact vigorous plants. Make splendid Easter pot plants. $\frac{1}{2}$ tr. pkg., \$1.00; tr. pkg., \$2.00.

Tango—Deep scarlet salmon. The brightest color in petunias. Thrifty, vigorous, low, compact plants. Good for garden and especially good for pots. $\frac{1}{2}$ tr. pkg., \$1.00; tr. pkg., \$2.00.

GLORIOUS ALL-DOUBLE MIXTURE

One of the very best strains of double flowering petunia available in this country. The flowers are large and the plants of sturdy growth. Double petunias require careful culture—remember that the smaller crumpled seedlings make plants that produce the finest double flowers. In originator's package of $\frac{1}{2}$ tr. pkg., \$2.00; tr. pkg., \$3.50.



We offer you a very choice stock of Dwarf California Giant Petunia Seed.

PLAIN EDGE PETUNIAS

These are the most popular petunias, making attractive beds and borders. Great numbers are sold in flats as seedling plants.

Blue Bedder Improved—Jersey Gem blue. Tr. pkg., 40c; $\frac{1}{8}$ oz., 80c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.50.

Heavenly Blue — The best silvery blue petunia. This greatly improved strain produces blooms that run nearly 100% true to color. Plants stockier; very free blooming. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

Celestial Rose, Improved—A greatly improved strain of this rich deep rose Compact growing variety. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

Fire Chief—Gold Medal Winner 1950—Brilliant scarlet red, an entirely new color in this class. Plant sturdy, compact, low growing. Blooms from early summer until frost. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$3.50.

Howards Star Improved—Velvety purple flowers with a white star on tall, very strong growing plants. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.25.

Radiance—1940 All-American Winner. Bright cherry red, golden yellow throat. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

Rosy Morn Improved—Bright rose pink with a decided white center. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

Salmon Supreme—Salmon-pink flowers of medium size cover low, compact growing 15 inch plants. Tr. pkg., 35c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75.

Snowball Improved—A great improvement on the older popular Snowball. Pure white, very large 3 inch across round flowers covering compact plants that retain their shape all season. Tr. pkg., 35c; $\frac{1}{8}$ oz., 90c; oz., \$5.00.

Bedding Mixed Petunias—As fine a blend of color in low growing petunias as you will find anywhere. It is the result of many years of trials, blending colors to get the most pleasing effect. Your customers who buy seedling plants from you will be delighted with it. Tr. pkg., 35c; $\frac{1}{8}$ oz., 45c; $\frac{1}{4}$ oz., \$1.50; oz., \$5.25.

BALCONY OR TRAILING PETUNIAS

This is the kind to grow for porch and window boxes also for hanging baskets and garden urns.

Purple	Rose	Deep Blue	White	Mixed
Any of above—Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35.				

ANNUAL SCABIOSA

A splendid cut flower for the florist. Flowers about 2 inches in diameter, very double, brilliant colors, strong, long, wiry stems. We offer here a particularly fine strain of seed of annual varieties reselected for commercial growing.

Black Knight —Almost black.	Oxford Blue —Best deep blue.
Fire King —Bright red.	Shasta —Giant pure white.
Loveliness —Salmon rose.	Mixed Colors.
Any of the above—Tr. pkg., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.	



Giant Flowering Tall Stemmed Snapdragon.

SCHIZANTHUS

Giant Flowering Hybrids—An extra large flowered, compact growing strain for greenhouse growing. Very carefully blended mixture of colors. Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.45.

SOLANUM

Christmas Cherry—Hlavecek's Masterpiece. A very uniform compact growing strain with rich, deep green foliage and prominently displayed, large, brilliant red fruit. Tr. pkg., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25.

STATICE

Sinuata—The annual kind that can be cut and dried for winter bouquets.

Kampf's Blue—Best long stemmed blue.

Market Rose—Best deep rose.

Snowwitch—Long stemmed pure white.

Mixed Colors—Very good mixture.

Prices of above—Tr. pkg., 15c; oz., 45c; 4 oz., \$1.60.

TITHONIA

Avalon Earliest—Large 4 in. across brilliant orange single flowers. Shrub like plant 7 ft. tall. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.80.

Torch—All-America Silver Medal 1951. Quick growing annual, thrives in hot weather, easy to grow as a zinnia. Brilliant orange-scarlet flowers resembling single Dahlia. Long strong stems on 4 ft. high plant. Blooms August until frost. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.25.

VERBENA

NEW GIANT KINDS

A magnificent new strain, strong, robust, compact. The flowers are twice the size of the ordinary verbenas and much more abundant.

Luminosa—Flame pink shading to salmon.

Royale—Royal blue with a creamy yellow eye.

Salmon Pink—Rich salmon.

Spectrum Red—Pure bright red without eye.

White Giant—Very large pure white.

Mixture of Giant Kinds.

Price of Above—Tr. pkg., 35c; $\frac{1}{4}$ oz., 85c; oz., \$2.75.

BUSH TYPE VERBENAS

Uniformly dwarf, upright, vigorous plants. Splendid for beds.

Roselight—Rose pink, white eye.

Salmon Queen—Pinkish salmon.

Starlight—Bright blue, white eye.

Any of Above—Tr. pkg., 45c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75.

GARDEN SNAPDRAGONS

These giant flowering, rust-resisting kinds are best for general garden use. Plants are robust and grow about 2 feet tall. For plant sales out of flats sow the seed about March 1st.

Apple Blossom—Rosy pink, white tube.

Brilliant Rose—Bright rose pink.

Campfire—Luminous scarlet.

Cherry Rose—Bright cherry rose.

Copper Queen—Bronzy copper.

Orange Shades—Orange, apricot.

Blend of above colors—All the above colors in a mixture.

Price of Above—Tr. pkg., 35c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25.

Padre—Rich crimson.

Paradise Rose—Soft rose pink.

Red Cross—Crimson, white tube.

Rosalie—Deep rose.

Shasta—Pure white.

Yellow Giant—Canary yellow.

TETRAPLOID SNAPDRAGONS

This race of snapdragons has larger cells with double the ordinary number of Chromosomes. Because of these larger cells the spikes are more full, with larger, thicker, ruffled florets, more desirable foliage and heavier stems. Wide color range. Not rust-resistant.

Tetraploid Mixed Colors—Tr. pkg., 50c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.60; $\frac{1}{2}$ oz., \$2.90.

Magic Carpet—Very attractive blend of soft pastel shades. Plants 8 inches high and are splendid for bedding and for rock gardens. Tr. pkg., 25c; $\frac{1}{8}$ oz., 45c; $\frac{1}{4}$ oz., 75c; oz., \$2.85.

HART & VICK'S STOCK

TEN WEEKS

Early, compact growing, best for the garden. This is the best kind to grow in flats or pots as seedlings to sell amateur gardeners.

Blood Red **Deep Rose** **Pansy Violet**

Bright Pink **Golden Yellow White**

Deep Cream **Lavender** **Mixed**

Any of above—Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

GIANT IMPERIAL

Branching plants, 2 ft. high, large flowers and long stems. Early blooming and produces a large percentage of double flowers.

Antique Copper **Golden Rose** **Pink**

Buttercup **Lavender** **Shasta**

Elk's Pride **Old Rose** **Mixed**

Any of above—Tr. pkg., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

SWEET PEAS

EARLY FLOWERING FOR GROWING UNDER GLASS

American Beauty—Rich crimson rose.

Amethyst—Royal purple.

Ball Rose Improved—Cerulean pink, cream ground.

Bridesmaid—Silvery pink.

Coquette—Coral pink and amber.

Daphne—Soft salmon pink.

Prices of Early Flowering Sweet Peas—Named Varieties—Oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$5.25.

Early Flowering Mixture of Colors—Oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

Hope—Pure white. White seeded.

Laddie Improved—Rich rose.

Mrs. Herbert Hoover—Clear blue.

Tops—Delicate rose pink.

Treasure Island—Golden orange.

Twilight—Giant lavender.

NEW CUTHBERTSON SPRING FLOWERING PEAS

A new heat resisting, very vigorous, long stemmed giant flowering kind. Very productive both under glass and out of doors. Sow seed in greenhouse from October to February.

Carol—Splendid clear pink.

Coline—Long stemmed scarlet.

Danny—Rich navy blue.

Evelyn—Clear salmon pink.

Frank G.—Clear lavender.

Janet—Pure white—black seeds.

Kenneth—Rich crimson.

Liza—Maroon.

Lois—Rose pink.

Marion—Cream—black seeds.

Tommy—Silver blue.

Mixed Colors—Any of above. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

SUMMER FLOWERING SWEET PEAS

Black Diamond—Dark maroon.

Daffodil—Creamy yellow.

Flagship—Clear blue.

Gigantic—Large white, black seeded.

Highlander—Pure lavender.

Miss California—Salmon pink.

Pinkie—Rose pink.

Mollie—Cerulean and orange.

Pirate Gold—Golden orange.

Red Boy—Crimson.

Royal Purple.

Sunkist—Cream edged rose.

Welcome—Scarlet.

Any of above—Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.90.

Many colors mixed—Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.65.

VENIDIUM—AFRICAN DAISY

Fastuosum—A daisy-like flower from South Africa. The petals are brilliant orange, with a purple-black zone at the base, forming a complete circle around the dark centers. The plants attain a height of 2 to 3 feet, and carry many long flower stems. Tr. pkg., 35c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00.

ANNUAL WALLFLOWER

Early Wonder—We offer a greatly improved double-flowering annual kind that blooms from seed in 90 days. The colors include canary and golden yellow, brown, russet, and mahogany. Height 12 to 18 inches. Tr. pkg., 25c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

GIANT ZINNIAS

THIRTEEN KINDS WITH GIANT FLOWERS

From our own experience and that of many of our customers we have selected these thirteen large flowering varieties as the best of their particular color. This type of flower is designated by symbols after the variety name. DF is Dahlia flowered, CG is California Giant.

Canary Bird—D. F. Rich canary yellow, double flowers.

Cherry Queen—C. G. Bright luminous cherry rose.

Crimson Monarch—D. F. Very large deep crimson.

Dream—D. F. Deep rosy lavender turning to purple.

Eldorado—D. F. Rich salmon apricot overlaid with rose.

Exquisite—D. F. Light rose with deeper rose center.

Golden Dawn—D. F. Deep golden yellow, long stemmed.

Illumination—D. F. Deep rose self. The best of this color.

Miss Willmott—C. G. Very best soft pink, large double.

Orange Queen—C. G. Large golden orange flowers.

Oriole—D. F. Attractive orange and gold. Very popular.

Purity—C. G. The best pure white.

Royal Purple—D. F. Rich purple flowers, long stems.

Rainbow Mixture of Colors—Made right here in our flower seed room of all of the above kinds.

Prices—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.00.



Golden Dawn is a Dahlia Flowered Type of Large Flowering Zinnia

CUT AND COME AGAIN

ELEGANS PUMILA DWARF DOUBLE

Double, perfectly formed Zinnias of medium size on long, strong stems. Produces a continuous succession of cut flowers throughout the summer. Grows 2 to 3 ft. high.

Crimson—Deep

Snowball—White

Pinkie—Rose pink

Spun Gold—Yellow

Scarlet—Bright

Sunrise—Salmon

Mixed Colors—We carefully blend all of the above colors to make this the perfect mixture.

Prices—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.00.

LILLIPUT OR POMPON

Improved Strains for Florists

Small, very double, ball like flowers on long stems. These are among the most popular of all cut-flowers. Plants 2½ ft. tall.

Black Ruby

Salmon Gem

Canary Gem

Scarlet Gem

Purple Gem

Valencia—Orange

Rosebud

White Gem

Mixed—Made here in our warehouse from all of the above colors.

Price—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.00.

FANTASY ZINNIAS

Shaggy curled and interlaced petals that form a most unusual flower. The stems are of medium length and are very good for cutting.

Mixture of Colors—Tr. pkg., 25c; ¼ oz., 45c; oz., \$1.45.

TOM THUMB ZINNIAS

Make splendid pot plants. A dwarf, compact growing kind 10 inches high, covered with many brightly colored small button-like flowers. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.25.

PERSIAN CARPET

Honorable Mention All-America Awards 1952

Tiny dahlia-like double flowers each with its pointed petal tipped with a contrasting color. The 12 inch round bushy plants bloom from early summer 'till frost. Splendid for window boxes, apartment gardens and for cutting. Tr. pkg., 35c; ⅛ oz., 80c; ¼ oz., \$1.45; oz., \$4.25.

PEPPERMINT STICK ZINNIAS

Unlike any other Zinnia the medium size, double flowers have petals striped and dotted with contrasting colors, red and white, red and yellow, pink and white, orange and yellow. Plants are about 3 ft. tall and will bear a succession of blooms until frost if kept picked. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.00; 4 oz., \$3.25.

LINEARIS ZINNIAS

Single bright orange colored flowers with a lemon yellow stripe through each petal. The blooms are about an inch in diameter and borne early and in great profusion on sturdy plants 10 inches high. ⅛ oz., 35c; ¼ oz., 60c; oz., \$2.00; ¼ lb., \$7.00.



Cut and Come Again Zinnias

SEEDS OF PERENNIAL AND BIENNIAL PLANTS

ACHILLEA

Ptarmica, fl. pl.—Double white flowers, June until frost; plants 2 ft. high. Splendid florists' cut flowers. Tr. pkg., 30c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35.

ALYSSUM

Saxatile Compactum (Basket of Gold)—Yellow flowers in spring, spreading plant, 12 inches high. This plant sells very well when in bloom in early spring. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.25.

ANCHUSA

Italica Lissadel—Gentian-blue flowers, May and June, plants 4 ft. high. Tr. pkg., 15c; $\frac{1}{4}$ oz., 25c; oz., 85c.

Myosotidiflora—Light blue flowers in May on 2 ft. stems. Spreading plant. Freeze the seed before sowing. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

ARABIS

Alpina—White flowers. Plants 12 in. high, blooms very early in the spring. Tr. pkg., 25c; $\frac{1}{4}$ oz., 55c; oz., \$1.85.

AQUILEGIA OR COLUMBINE

There is a good market for this hardy plant, with nurserymen and plantsmen.

Long Spurred Blue Shades—Huge flowers on plants 3 to 4 ft. high. Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.85.

Mrs. Scott Elliott's Long Spurred Hybrids—A very good mixture of colors in large flowers on 3 ft. plants. Tr. pkg., 25c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

H. & V. Long Spurred Hybrids—Splendid long spurred hybrid in a very wonderful range of clear bright colors. Very long spurred flowers. Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.85.

ARMERIA

Giant Pink—Clear deep pink blooms $\frac{1}{2}$ in. diameter on 24 in. stems. Fine for cutting. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$2.00.

AUBRETIA

Carnival Mixed—Many very bright colors on 6 inch plants. This is the best English grown strain of seed. Tr. pkg., 30c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00.

BELLIS PERENNIS

New Giant Flowered fully double strain of the popular English Daisy.

Crimson	Rose	White	Mixed
Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.			

CAMPANULA

Calycanthema—The Cup and Saucer. Biennial, 2 ft. high; blooms in the early summer.

Dark Blue	Light Blue	Rose	White
Mixed Colors			
Tr. pkg., 25c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.			

Medium Single—Old-fashioned Single Canterbury Bell. Biennial that grows 3 ft. high.

Dark Blue	Light Blue	Rose	White
Mixed Colors			
Tr. pkg., 15c; $\frac{1}{4}$ oz., 25c; oz., 75c.			

Carpatia Mixed Colors (Hare Bell)—Hardy perennial blooms all season, 6 in. high.

Blue	White	Mixed Colors
Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35.		

Persicifolia—Perennial. Spikes of bell-shaped flowers on 15 inch spikes. **Blue, white, mixed colors.** Tr. pkg., 35c; $\frac{1}{8}$ oz., \$1.00.

Pyramidalis—Perennial. Pyramid shaped heads of flowers 5 ft. tall. **Blue.** Tr. pkg., 35c; $\frac{1}{8}$ oz., 85c.

CARNATION

Grenadin—Early flowering hardy, grows 20 in. tall.

Pink	Red	Yellow	White	Mixed Colors
Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.45; $\frac{1}{4}$ oz., \$2.45.				

CERASTIUM

Tomentosum—The well-known perennial Snow in Summer. White foliage, white flowers in May and June. 12 in. high. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

HART & VICK'S DELPHINIUM

Pacific Giants—If you are not acquainted with this strain of Delphinium you really should be. It's the finest commercial strain in the world. 60% Mildew Resistant, 100% double flowers that do not shatter. Long, very full spikes on tall, strong stems. We offer seed grown from originator's finest stock.

Black Night—Darkest of all dark blues. Dark bee.

Cameliard—Clear lavender with a white bee.

Galahad—Clear glistening white with a white bee.

King Arthur—Very dark violet with a white bee.

Summer Skies—Clear, light blue with a white bee.

Percival—White flowers with a black bee.

Round Table Series—A mixture of the originator's newest unnamed shades and types.

Prices of Any of Above— $\frac{1}{2}$ tr. pkg., 75c; tr. pkg., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.

Belladonna Improved (Waller-Franklin Special Strain)—Light blue, large flowers. Very strong growing. Finest strain on the market. $\frac{1}{2}$ tr. pkg., 30c; tr. pkg., 45c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25.

Bellamosum Improved (Waller-Franklin Special Strain)—Large, deep blue flowers. White bee. $\frac{1}{2}$ tr. pkg., 30c; tr. pkg., 45c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25.

Blackmore & Langdon Hybrids—World famous English strain, free flowering, long stemmed. Tr. pkg., 25c; $\frac{1}{8}$ oz., 45c; oz., \$2.75.



Pacific Giant Delphinium

Gold Medal Hybrids—A very good mixture. Tr. pkg., 20c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Wrexham or Hollyhock Strain—A splendid large, double flowered mixture of all shades and colors of Delphinium. $\frac{1}{2}$ tr. pkg. 30c; tr. pkg., 45c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50; oz., \$5.35.

CHEIRANTHUS

Allioni—Siberian Wallflower fiery orange flowers on 12 in. stems in May and June. Tr. pkg., 15c; oz., 45c.

CHRYSANTHEMUM

Maximum Conquerer—The best of the single flowering Shasta Daisies. 5 inch flowers on 30 inch stems. Splendid cut flowers. Perfectly hardy. Tr. pkg., 15c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

COREOPSIS

Double Sunburst—Semi-double flowers, $1\frac{1}{2}$ to 2 in. in diameter on long stems. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.25.

Mayfield Giant—The best single flowering kind. Very large, deep golden yellow. $\frac{1}{4}$ oz., 25c; oz., 75c.

DIANTHUS

Allwoodi Alpinus—Grows 4 to 6 in. high, bears $1\frac{1}{2}$ in. single flowers. Tr. pkg., 35c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50.

Plumarius fl. pl. Special Florist Strain—Large very double flowers, $1\frac{1}{2}$ to 2 in. across on 15 inch stems. We offer a mixture of colors containing pinks, rose, salmon and white in the self colors and the same colors in combination with a bright crimson zone. Tr. pkg., 50c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75.

Plumarius Single Mixed Colors—Single flowers $1\frac{1}{2}$ to 2 in. across in a wide range of brilliant colors. Tr. pkg., 25c; $\frac{1}{4}$ oz., 45c.

DIGITALIS

Gloxiniaflora Purple Spotted—Old fashioned spotted Foxglove. 5 ft. tall. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Montrosa Hybrids—Tall spikes of very large bells. Clear colors and spotted. Largest flowering of the Foxgloves. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

DORONICUM

Caucasicum Magnificent—Large, yellow narrow petalled, daisy-like flowers on long stems. Tr. pkg., \$1.00.

GAILLARDIA GRANDIFLORA

Dazzler—Golden yellow with rich, maroon center. Splendid for cutting. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

Monarch Strain—Very large, perfectly formed flowers in a wide range of colors. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

GEUM

Lady Stratheden—Large golden yellow, very double flowers on 2 ft. stems.

Mrs. Bradshaw—Double flowering, fiery orange red.

Prices—Tr. pkg., 35c; $\frac{1}{4}$ oz., 75c; oz., \$2.50.

FORGET-ME-NOT

Myosotis, Alpestris, Royal Blue—Best of the blue kinds for sales in baskets and boxes. Tr. pkg., 30c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c; oz., \$3.00.

Alpestris Rosea—Rose pink flowers. Tr. pkg., 30c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c; oz., \$3.00.

Alpestris White—Pure white flowers. Tr. pkg., 30c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c; oz., \$3.00.

Palustris—Hardy plant 12 in. tall, light blue flowers. Tr. pkg., 35c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25.

GYPSOPHILA

Paniculata, Double Snow-White—Early flowering, very double, pure white $\frac{1}{2}$ tr. pkg., 30c; tr. pkg., 50c; $\frac{1}{8}$ oz., 70c; $\frac{1}{4}$ oz., \$1.25.

Paniculata—Small, single, white flowers for use in bouquets and for drying. Tr. pkg., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Dust your seed with Semesan, increases germination, makes larger, better rooted plants.

SEEDS OF PERENNIALS AND BIENNIALS-Cont.

HEUCHERA

Sanguinea rosea—Dwarf, compact plant with 2 ft. stems carrying coral red flowers in June. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.75.

Spitfire—Large, rich scarlet flowers in July and August. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.75.

HOLLYHOCK

Chater's Double flowering Kinds.

Maroon	Newport Pink	Rose	Salmon
Scarlet	White	Yellow	Mixture

Price of Above—Tr. pkg., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Triumph—Large, double, fringed flowers that come in delicate art shades. Tr. pkg., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

IBERIS

Gibraltarica—Lilac flowered "Hardy Candy-tuft." Tr. pkg., 20c; $\frac{1}{4}$ oz., 45c; oz., \$1.40.

Sempervirens—White flowers in May. 12 in. high. Tr. pkg., 50c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

LATHYRUS

Perennial Sweet Pea comes in three good colors and makes a splendid, short stem, cut flower.

White	Red	Pink	Mixed Colors
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Tr. pkg., 20c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.

LILY

Regale—Pink, white and primrose flowers. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

LINUM

Perenne—Hardy blue flax. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., 60c.

LUNARIA

Biennis—Honesty or Silver Penny. Purple. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.25.

LUPIN

Russell's Famous English Hybrids—1000 seeds in an ounce. We offer seeds grown by Humbert Porreca, well known in this part of New York State for superb lupin, the result of selections from the original Russell Strain. Tr. pkg., 45c; $\frac{1}{4}$ oz., 75c; oz., \$2.50; $\frac{1}{4}$ lb., \$8.75.

MATRICARIA

Ball Double White Feverfew—The very best double white variety. Tr. pkg., 35c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75.

PENTSTEMON

Sensation—Large, graceful spikes of brilliantly colored flowers, 2 ft. high. Blooms July to frost. Tr. pkg., 30c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00.

POPPY

Nudicale—(Iceland Poppy).
Orange Yellow White Pink
Kelmscott Strain Mixed—Large flowers often 3 inches across. Longer, stiffer stems, more upright. Color range from white to deepest scarlet.

Price of above—Tr. pkg., 35c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

Oriental, Scarlet—Orange scarlet.

Oriental Brilliant.

Oriental Princess Victoria Louise—Salmon.

Oriental Mixed Colors—Blend of all above colors.

Price of above kinds—Tr. pkg., 35c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50.

PRIMULA

Polyanthus, Unwin's Superb Mixed Strain—Large heads of brilliantly colored flowers in cream, yellow, mahogany, orange, crimson, on 12 in. stems. $\frac{1}{2}$ tr. pkg., 30c; tr. pkg., 50c; $\frac{1}{8}$ oz., 95c; $\frac{1}{4}$ oz., \$1.65.

PYRETHRUM

Single Flowering Mixed Colors—Large, daisy-like flowers in shades of deepest red through rose, pink, cream and white. Long, strong stems. Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.50.

Double Flowering Mixed Colors—Does not produce 100% doubles but the second year of bloom the percentage is much better. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50.

SCABIOSA CAUCASICA

House Hybrids—Large, perfectly formed flowers ranging in color from the deepest blue to white. Splendid cut flower. Tr. pkg., 35c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

STATICE LATIFOLIA

Sea Lavender—Mist-like small lavender blue flowers 2 ft. stems. Splendid for cutting. May be dried. Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

SWEET WILLIAM

Pink Beauty—Salmon pink flowers.

Scarlet Beauty—Rich, deep scarlet.

White Giant—Enormous trusses almost twice the size of the ordinary varieties.

Giant Single Mixed Colors—A blend of bright colors in single flowering kinds. 24 in. tall.

Double Flowering Mixed Colors—Blooms second year from seed. Plants hardy 24 in. tall.

Price of Above Kinds—Tr. pkg., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Dwarf Double Mixed Colors—Compact plants 6 to 8 in. tall covered with very double flowers in many brilliant colors. Tr. pkg., 35c; $\frac{1}{4}$ oz., 85c; oz., \$3.00.

TRITOMA

New Hybrids—Giant spikes orange-red, coral, crimson, salmon-pink, yellow. Tr. pkg., 30c; $\frac{1}{4}$ oz., 65c; oz., \$2.25.

VIOLA CORNUTA

Arkwright Ruby—Ruby-red. $\frac{1}{2}$ tr. pkg., 45c; tr. pkg., 75c; $\frac{1}{4}$ oz., \$1.45.

Blue Perfection—Bright clear blue. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25.

Chantreyland—Splendid bright apricot. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25.

Lutea Splendens—Clear golden yellow. $\frac{1}{2}$ tr. pkg., 25c; tr. pkg., 45c; $\frac{1}{8}$ oz., 85c.

White Perfection—Large pure white flower. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25.

Large Flowered Mixture— $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{2}$ oz., \$1.25.

If you haven't received our Retail Catalog ask for it. It pictures and describes the New Kinds of Flowers and Vegetables.

FERTILE POTS

Make Stronger Plants and Earlier Crops

Pots made of Plant food and manure that hold moisture and feed the plant as it grows. Plant the seed right in the pot and set pot and all right in the ground when the time comes to plant your garden. The plant suffers no set-back from transplanting and the roots grow right through the pot. No. 2 $\frac{1}{2}$ (about 2 $\frac{1}{2}$ in. in diam.) 100 for \$3.10; 250 for \$5.65 prepaid. No. 3 (about 3 in. in diam.) 100 for \$3.70; 250 for \$6.55 prepaid.

TWIST-EMS

Splendid for bunching flowers and vegetables. Strong darg green tapes with wire reinforcing. Ties up plants. Grand for flower arrangements.

	1,000	5,000	10,000	25,000
7 inch...	1.55	1.45	1.40	1.35
8 inch...	1.75	1.60	1.55	1.50
12 inch...	2.65	2.45	2.35	2.25
16 inch...	3.50	3.25	3.15	3.00

POPULAR LENGTHS FOR BUNCHING

Carrots—8"	Grape Ties—8" - 16"
Celery—12"	Tomato Vines—8" - 12"
Broccoli—16"	Flowers—8" - 12" - 16"



TERRA-LITE VERMICULITE PLANT AID

Makes Seed Start Growing Quicker

Makes Cuttings Root Better

Makes Bigger and Stronger Plants

Start Your Early Flower and

Vegetable Seeds in Vermiculite

Vermiculite is granulated and processed mica ore, light in weight, porous, sterile, used by professional growers to start seedlings, slips and cuttings with amazing results. A perfect growing medium.



Great mass of hair roots in half the time.

Standard 2 bushel bags (2 $\frac{1}{2}$ cu. ft.) \$1.15 each. Jumbo 3 $\frac{1}{2}$ bushel bag (4 cu. ft.) \$1.45 each. All prices f.o.b. our warehouse.

PLANT BANDS

Bird Vita-Band 10

Treated with quickly available plant food these low cost fibre bands are profitably used for growing vegetable and flower plants for 8 to 10 weeks.

Size	Price per M	Weight per M
$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	\$ 3.60	16 lbs.
$1\frac{3}{4} \times 1\frac{3}{4} \times 2\frac{1}{2}$	3.90	20 lbs.
$2 \times 2 \times 2\frac{1}{2}$	4.40	21 lbs.
$2\frac{1}{2} \times 2\frac{1}{2} \times 3$	5.85	32 lbs.
$3 \times 3 \times 3$	6.75	35 lbs.
$4 \times 4 \times 3$	8.85	53 lbs.
$4 \times 4 \times 4$	11.10	69 lbs.

Sold in units of 1000. Prices f.o.b. our warehouse.

INSECTICIDES AND FUNGICIDES

All Prices Quoted F.O.B. Rochester, N. Y.
and subject to change without notice.

Arsenate of Lead (Powdered)—Standard for the control of chewing insects. 1 lb., 50c; 4 lbs., \$1.55.

Black Leaf 40—For aphids, thrip and red spider. Used to rid poultry of lice. 1 lb., \$2.10; 2 lbs., \$3.55; 5 lbs., \$6.30.

Bordeau Mixture (Powder)—Prevents and cures fungus on plants and trees. 1 lb., 40c; 4 lbs. \$1.00.

Cyanogas (A) Dust—Kills rats, moles, woodchucks, etc. 1 lb., \$1.10; 5 lbs., \$2.50.

DDT-50%-Wettable Powder—Micro-fine instantly wettable. Recommended for use on apples, potatoes, and other fruits and vegetables, flowers, trees, control of Japanese Beetle in lawns. 1 lb., 65c; 4 lbs., \$2.10.

D-X Spray—A Piperonyl Cyclonene-Roteneone-Pyrethrum spray, controls sucking and chewing insects. ½ pt., \$1.50; qt., \$4.70; gal., \$12.35.

Grafting Wax—¼ lb., 25c; ½ lb., 38c; lb., 59c; 5 lbs. or more @ 55c per lb.

Kolo-Sulphur Rotenone Dust—Contains 75% Rotenone—a combined insecticide and fungicide. 1 lb., 45c; 4 lb. bag, \$1.25.

Lime Sulphur (Powder)—Dormant spray for scale and fungus. 1 lb., 55c; 5 lbs., \$2.25.

Nicofume Powder, Pressure Fumigator—Pound fumigates 2,500 cu. ft. of greenhouse space. ½-lb. tin, 50c; lb., 75c; 12 half-lb. tins, \$4.60; 12 1-lb. tins, \$7.95.

Para-Scalecide—Liquid treatment for peach borer. Simple, effective, inexpensive. Qt., \$1.05.

Scalecide—Dormant spray for fruit and ornamental trees, shrubs. Controls scales, aphids, red mite, gall or evergreens. Dilute 1 to 15. Qt., 85c; gal., \$2.15; 5 gal., \$7.25.

Sulphur (Powdered)—For mildew on plants. 5 lbs., 70c; 10 lbs., \$1.25; 25 lbs., \$2.85; 50 lbs., \$5.25.

Dusting Tobacco—5 lbs., 60c; 25 lbs., \$2.25; 100 lbs., \$6.25.

Volck, The Oil Spray Insecticide and Spray Carrier—Controls scale on evergreens, aphids, mealy bug, red spider, white fly and certain other pests. Non-poisonous, easy to use, makes foliage glossy. Pt. 60c; qt., \$1.10; gal., \$2.45.

HORTICULTURAL CHEMICALS

Fruitone—A hormone spray helps develop a better set and a bigger crop of tomatoes. ½ oz., 25c; 2 oz., \$1.00.

Hormodin—Hormodin is Indolebutyric Acid in diluted strength. Makes plants root easier, mature earlier, flower sooner. Dip in water and then in the powder. One ounce treats about 2,500 cuttings.

Powder No. 1—The general purpose powder designed for the home gardeners or commercial florist who propagates the popular varieties such as roses, carnations, poinsettias, shrubs, greenhouse plants. 1¼-oz. tin, 50c; lb., \$3.00.

Powder No. 2—For woody and semi-woody types. 1¼ ozs., 75c; lb., \$4.50.

Powder No. 3—For resistant species, including evergreens and leafless cuttings. 1-oz. tin, \$1.00; ½-lb. tin, \$4.50.

Rootone—A hormone dust for better rooting of cuttings, slips, bulbs, seeds. Greatly increases yield of many vegetables. ¼ oz. pkg. treats 400 cuttings, 25c; 2-oz. jar treats 3,000 cuttings, \$1.00; 1-lb. tin treats 30,000 cuttings, \$5.00.

Transplantone—Applied in solution to shrubs and trees, when they are transplanted, makes them "take hold" more quickly. ½ oz., 25c (makes 15 gals. solution); 3 oz., \$1.00; lb., \$4.00.

SCARE-AWAY

Protects newly planted seeds, young gardens, ripe fruit, berries and vegetables. Specially processed aluminum strips which seem almost alive, frighten garden pests with flashing light and constant fluttering motion.

Package of 100 2" x 15" strips, \$2.00.

WOODEN LABELS

	Width	Packed	Price per box
4 in. Painted.....	¾ in.	1000	\$3.50
5 in. Painted.....	¾ in.	1000	3.95
6 in. Painted.....	¾ in.	1000	4.35
8 in. Painted.....	¾ in.	250	2.50
10 in. Painted.....	¾ in.	250	2.80
12 in. Painted.....	1½ in.	100	1.95

Iron Wire Tree Labels—3½ in. long, packed 1,000 to box, \$4.10. Painted on one side.

HYPONEX PLANT FOOD

A complete food for seedlings, cuttings and all pot plants. Clean, odorless, will not spoil. One pound makes 100 gallons. Grows plants in soil, sand or water. Contains Vitamin B₁. Lb., 85c; 10 lbs., \$5.35; 25 lbs., \$10.00.

SEED DISINFECTANTS

Arasan—Dusted on lima beans and peas makes earlier planting possible, protects seed from decay. Increases germination. ¾ oz., 25c; 8 oz., \$1.00; 2 lbs., \$3.20; 4 lbs., \$6.00.

Ceresan, New Improved—For wheat, oats, and all grain. Controls covered smut. 4 oz., 50c; lb., \$1.30; 4 lbs., \$4.35.

Semesan—For vegetable and flower-seeds and bulbs. Increases germination; makes stronger, earlier-bearing plants; controls damping-off of seedlings. ⅓ oz., 20c; 2 oz., 60c; 12 oz., \$2.85; 25 lbs., \$72.65.

Semesan Bel. For seed potatoes—Effective control for scab, rhizoctonia and black-leg. 1 lb. treats 70 to 80 bu. of seed. 2 oz., 50c; lb., \$2.30; 4 lbs., \$7.50; 40 lb. drum, \$70.35.

Spargon—Very effective on peas, lima beans, cucumber, melon and squash seed. Increases germination, combats seed borne fungi, protects against rotting in the ground. 2 oz. treats 60 lbs. of lima beans or peas. 1 oz., 25c; 5 oz., \$1.00; lb., \$2.40; 5 lbs., \$10.50.

Tersan "75"—An exceptionally effective non-mercurial for prevention or control of large Brown Patch and Dollar Spot on Golf Courses, Grass Tennis Courts, Lawns and other Fine Turfs. 5½ oz. can, \$1.00; 3 lbs., \$6.75.

VIGORO- The Complete Plant Food for Lawns, Roses, Shrubs, Trees, Etc.

These prices are for wholesale buyers only. Golf courses, schools, florists, landscape gardeners, commercial vegetable growers, nurserymen, public institutions.

100 to 500 lbs.....	\$3.45 per 100
500 to 1,000 lbs.....	3.28 per 100
1,000 to 2,000 lbs.....	3.17 per 100
1 ton to 2 ton.....	3.07 per 100
2 ton to 5 ton.....	2.97 per 100
5 tons or more.....	2.90 per 100

PRICES—F.O.B. our store or railroad freight car, and subject to change without notice.

Protect Against Rain, Wind, Bugs and Frost with

HOTKAPS

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

100 Hotkaps with setter \$3.00; postpaid \$3.25
250 Hotkaps with setter \$5.65; postpaid \$5.95
1000 Hotkaps \$18.35; 5000 @ \$18.20 per 1000
Steel Setters.....\$1.95 each

HOTENTS—Larger 10½ x 14½ x 8½, wire reinforced. 500 for \$14.00; 1000 for \$26.75. Setter \$2.75.

